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### **USER'S GUIDE**

# CALIBRATED ANCILLARY SYSTEM (CAS)

#### **VOLUME IX**

- CAS Commands
- Acronyms and Abbreviations
  - Applicable Documentation

PREPARED BY



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CAS COMMANDS

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#### APPENDIX A

# CALLIBRATED ANCILLARY SYSTEM COMMANDS

Each command will be followed by a parenthesis giving the of the command. When a command is entered without its complete the command. An example of the command and its parameters will The commands listed here can be executed no matter what menu is visible associated parameters the user will be prompted for information also be presented. to the user. form short

#### ANCILLARY

ancstart

support files and the NDD # where data stream tag, the revision code for You will be prompted for the SDSS port, This initializes the ancillary process. ID for stream 1 & the data is coming from. the flight the

#### Example:

ancst 0 51-e

stream 2 stream l

This example shows the initialization 6-9 are necessary for the command Parameters of a single stream for the ancillary process.

2. ancrestart (ancr)

to be accepted.

7 Data Stream tag (rt,

sim, pb)

6 Flight ID

35

SDSS port

NDD # (1 - 4 or 9)

Revision code (a

This command restarts the ancillary process

messages, if you want to use a different set of support files or change the NDD you want to listen to. This command will restart ancillary you received error ancillary without stopping the an process and then initialize it again. it was started with the wrong files, support

Example:

ס Q 9 DONE d Ø rt ancr 0 51-e

STONE TO THE to the rack, Photomorphic Committee

(anch) anchalt

will halt the ancillary other parameters No This command process. needed.

Example:

anch

You you stream of SDSS. output the prompted for the ancillary process to the want to enable. enables will This

(ancoute)

4. ancoutenable

Example:

ancoute 1

| This parameter is stream number, valid values are 1 or

5. ancoutdisable (ancoutd)

the You you stream output of the SDSS. the ancillary process to will be prompted for want disabled. the disables This

. neidseifogs . 19dmin 25. . bob. **Example:**  ancoutd 1

|This parameter is stream number, valid values are 1 or 2.

6. ancsend (ancse)

The ancillary send health and status message, command the ancillary process to send a message to health and status. There are no other parameters needed.

Example:

ancse

NDD

1. nddappstart (nddappsta)

data base version, data streamstag, and This initializes the NDD application. You will be prompted for flight number, operational mode.

Example:

nddappsta

51-e a rt ops | | | | | | 2 3 4

Flight ID

2 Data base version (a - z) 3 data stream tag (rt, sim

or pb)

4 Operational mode (ops or dev)

2. nddhalt (nddh)

This command halts the NDD application. No other parameters are needed.

nddh

Example:

3. <u>selwindow</u> (selw)

output dcp.c and recompiled. The when the NDD application is initialized the dev mode The select window command will only operate module display showing the status bits of the minor frames The user will be prompted the When this is done if the flag DEBUG is set in is exhibited. used.

for the window number.

Example:

selw l

Valid window numbers are 1-7.

#### LOGGING

\*\*\* Pre -initialization \*\*\*

the determine the number of log files, the data type, the log file size, the log file name, logging file type and if the logging process will switch given After giving the will for logging determine The user automatically from one log file to another. Once the command is the user will be prompted for the above information. After giving wi11 Pre-initialization is a action whereby the user will characteristics of the log files he will be logging to. the log enable command information, enter necessary commence.

# LOGGING PARAMETERS AND THEIR VALUES

In this section the parameters and their valid values are listed below:

APPLICATION PROCESS

nđđ

health stat user i<u>f</u>

ancillary

ancillary

support

genlog

supervisor lan\_if checkout data\_generator

score

scriptor

DATA TYPE	value	maximum log file size in megabytes	default log name
User Interface commands Health and Status messages CSAC messages DCP NASCOM Blocks OD Minor Frames Data generator DCP's Data generator OD Frames Utility (HWCO Data) SDSS loop back NASCOM	1 2 3 3 6 6 10 11	٦ • ۲ • ۲ • ۲ • ۲ • ۲ • ۲ • ۲ • ۲ • ۲ •	USER IF HS MSG CSAC-MSG DCP NASCOM OD FRAME T_DCP T_NASCOM T_OD_FRM T_OD_FRM

The chart ed. If the n log file SIZE - The number of bytes given as an integer value. The gives the maximum size allowed for each file initialized. I uses the value "0" logger will default to the maximum log above FILE user FILE NAME - log file name is limited to 14 characters.

DELOG TITLE - the delog title is limited to 40 characters

LOG FILE DEVICE - is either floppy (0) or disk (1).

The values for this parameter are SWITCH AT END OF FILE - if the user chooses not to switch at the end of circular logging will occur. "0" for no and "1" for yes. file,

### 1. loginit (logi)

file will be prompted for twice even if switch at end of file. The information how this command can be used in a batch file is given. This command must be followed by a loge (log enable) command input line is too large; an example of indicate that you only want one log file pre-initialized. A command for: application, process, logging data following information will be prompted type, log file device, number of files, maximum log file size, string with all the parameters can not log file name through switch at end be input on the control line since command will pre-initialize which the user will for logging to commence. log file name, only you

Example:

```
logi

ndd
(process)

4 (data type)

1 (log file device)

1 (# of log files)

ndd.logl (log file name, user's decision)

200000 (log file size)

ndd.dlogl (delog title)

1 (switch at end of file)

0 (2nd log file size)

0 (2nd log file size)

1 (2nd log file size)

1 (2nd log file size)

1 (2nd log file size)
```

1. Even though only one file is to be pre-initialized, defaults for the second log file must be given in the command. Was In the example above the number of log files to be pre-initialized 1. Even though only one file is to be according to the contraction of the contr

# 2. ancloginit (anclogi)

This command will set up preinitialized log files for the ancillary process. The user will be prompted for logging data type, log file device, number of log files, the delog titles, the log file sizes, and if the user wants to switch log files. This command must be followed by the ancloge command to start logging. The command line for this command is too long to be input on the control line: however, an example of how this command can be used in a batch file is given.

file The too device, number of log files, the delog titles, the log file sizes, and if the user wants to switch log files. This command must be followed by the This command will set up preinitialized line; however, an example of how this command can be used in a batch file is given. line for this command is csacloge command to start logging. process. for log long to be input on the control will be prompted files for the csac command user log 3. csacloginit (csaclogi)

\( \) (2nd delog title)
1 (2nd log switch at end of log file)

# 4. dgloginit (dglogi)

ξ. Ζ<sub>γ</sub> This command will set up preinitialized log files for the data generator process. The user will be prompted for logging data type, log file device, number of log files, the delog titles, the log file sizes, and if the user wants to switch log files. This command must be followed by the dgloge command to start logging. The command line for this command is too long to be input on the control line; however, an example of how this command can be used in a batch file is given.

## 5. gloginit (glogi)

however, an example of how this be prompted for the files, the delog titles for each and if a switch should occur at second file. The command line is can be used in a batch file is logfile device, number of log files, the names of the log files, the size of user be prompted for information regarding This command will preinitialize general files which the user will name. still of the screen therefore no example the end of the file. If the indicates only one file he will long to enter on the control willuser command given; qiven. file too

```
glogi
4
(data type)
1 (log file device)
1 (# of log files)
ndd.logl (log file name, user's decision)
200000 (log file size)
ndd.dlogl (delog title)
1 (switch at end of file)
\( \) (2nd log file name)
\( \) (2nd log file size)
\( \) (2nd log file size)
\( \) (2nd log file size)
\( \) (2nd delog title)
1 (2nd delog title)
1 (2nd log switch at end of log file)
```

# 6. hsloginit (hslogi)

long to enter on the control line however, an example of how this status log files which the user name. The user will be prompted the names of the log files, the The command line is size of the files, the delog titles for occur be prompted for information regarding command will preinitialize health the logfile device, number of log user still the screen therefore no example command can be used in a batch file If the each file and if a switch should indicates only one file he will at the end of the file. second file. name. given; files, will the too for and of

```
end of log file)
                                 # of log files)
log file name, user's decision)
                                                                                 switch at end of file)
                                                                                                       log file size)
delog title)
                                                                                           2nd log file name)
                                                                                                                                log switch at
                    log file device)
                                                       log file size)
                                                                      delog title )
            data type)
                                                                                                         2nd
                                                                                                                    2nd
                                                                                                                                2nd
                                                                      ndd.dlog1
                                              ndd.log1
                                                          200000
hslogi
                                                                                              9
```

# 7. nddloginit (nddlogi)

this command is too long to be input on an example files, the delog titles, the log file and if the user wants to switch The command line for This command will set up preinitialized type, log file device, number of log of how this command can be used in command This command must log files for the NDD process. user will be prompted for logging the control line; however, nddloge for the NDD batch file is given. followed by the start logging. log files.

# 8. ndgloginit (ndglogi)

This command to start logging. The command line for this command is too long to be This command will set up preinitialized command must be followed by the ndgloge input on the control line; however, an example of how this command can be used process. The user will be prompted for log file device, the delog titles, generator and if the user to switch log files. data in a batch file is given. the type, number of log files, the log file sizes, for data files logging wants

#### Example:

ndglogi
4
(data type)
1 (log file device)
1 (# of log files)
ndd.logl (log file name, user's decision)
200000 (log file size)
ndd.dlogl (delog title)

# 9. scologinit (scologi)

log files for the scoring process. The user will be prompted for logging data type, log file device, number of log t 0 for the delog titles, the log file and if the user wants to switch the control line; however, an example this command is too long to be input on This command will set up preinitialized how this command can be used in This command must followed by the scologe command The command line batch file is given. start logging. log files. files, sizes, type,

```
scologi
4
(data type)
1 (log file device)
1 (# of log files)
ndd.logl (log file name, user's decision)
200000 (log file size)
ndd.dlogl (delog title)
1 (switch at end of file)
\ 0 (2nd log file name)
0 (2nd log file size)
1 (2nd delog title)
1 (2nd delog title)
1 (2nd delog title)
1 (2nd delog title)
```

```
log
                                                   number of log files, log file names, log file sizes, and if to switch at end
                                                                                       of file. The input line is too long to
                                                                                                                           an example of how
                  files for user inter face. The user will be prompted for log file device,
                                                                                                                                               batch
command will pre-initialize
                                                                                                                                                 Ø
                                                                                                      there will
                                                                                                                                              this command can be used in
                                                                                                                           example; however,
                                                                                                         enter therefore
                                                                                                                                                            file is given.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2nd log switch at end of log file)
                                                                                                                                                                                                                                                                                                                                                                    # of log files)
log file name, user's decision)
log file size)
delog title )
switch at end of file)
                                                                                                                                                                                                                                                                                                                                                                                                                                                         2nd log file name)
2nd log file size)
                                                                                                                                                                                                                                                      (data type)
(log file device)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2nd delog title)
(uiflogi)
10. uifloginit
                                                                                                                                                                                                                                                                                                                                                                                                                           ndd.dlogl
                                                                                                                                                                                                                                                                                                                                                                                       ndd.logl
200000
                                                                                                                                                                                                   Example:
                                                                                                                                                                                                                                     uiflogi
                                                                                                                                                                                                                                                                                                                                                                                                                                                              9
```

## \*\*\* Log enable \*\*\*

The log enable command will commence logging to a log file. If no log file has been pre-initialized logging will be directed to a default log file for a particular data type dependent on the process which logging is occurring for. The user will be prompted for the necessary information.

# 11. logenable (loge)

nd logging file type. If this is used without the loginit following information will be prompted for: application, process, logging data default corresponding will enable the logging logging will be directed to log file whose name has type. predetermined by the data type. The following is a list of the type, and logging file type. command is used without the and the data specific command names data types: command default Q This for

DCP	T DCP	OD FRAME	T OD FRM	NASCOM
	DCP's		9	
	Generator	OD Frames	rator	NASCOM Blocks
DCP	Data	OD F1	Data	NASC
1.	2	ж Ж	4.	5

Default Log File Name

Data type

NASCOM Blocks
7. Health & Status

Data generator

T\_NASCOM

8. User Interface 9. CSAC Messages

10. General Default
Log File

GENERAL

HS MSG USER IF CSAC\_MSG

```
loge nďd nďd 4 1
| | | |
1 2 3 4
```

```
3 Data type ( 1 User Interface Commands ( 2 Health and Status Messages ) ( 3 CSAC Messages ) ( 4 Data Cycle Packets ) ( 5 NASCOM Blocks ( 7 DCP's from Data Generator ) ( 8 NASCOM Blocks from Data ) ( Generator ( 9 OD Minor Frames from Data ) ( Generator ( 11 SDSS Loop back NASCOM ) ( 11 SDSS Loop back NASCOM ) ( 1 Data Type Specific ) ( Log File )
```

```
the
be
                                                                                                                                                                                                                                                                              οĘ
                                                                             type
                                                                                                                                                                                                                                                                                                                                                                                                                                                 This command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                should be used on the workstation only.
                                                              user
                                                                                                                                                                                                                                                                                                                                                                                                                                This command will enable the logging of
                                                                                                                                                                                                                                                                            This command will enable the logging
This command enables the logging of
                                                                                                                                                                                                                                                                                                           prompted for the logging file type.
                                                                           will be prompted for logging data
             process.
                               without
                                             will
                                                                                                                                                                                                                 The user will be prompted for the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             type and the logging file type.
                                            anclogi command logging directed to a default file.
                                given
                                                                                          and the logging file type.
              output of the ancillary
                                                                                                                                                                     The
                                                                                                                                                                                                                                                                                                                                                                                                                                                 generator data.
                                                                                                                                                                                                                                                                                               messages.
                             command
                                                                                                                                                                                                                                                                                                                                                                     general log file)data type specific)
                                                                                                                                                                                                                                                                                                                                                                                                                                                  data
                              this
                                                                                                                                                                                                                                                                                                csac
                                                                                                                                                                                                                                                                               13. csaclogenable (csacloge)
 (ancloge)
                                                                                                                                                                                                                                                                                                                                                                                                                                   14. dglogenable (dgloge)
12. anclogenable
                                                                                                                                                                                                                                                                                                                                                                       csacloge l
                                                                                                                                                          4 <
                                                                                                                           Example:
                                                                                                                                                                                                                                                                                                                                           Example:
                                                                                                                                                        ancloge
```

Example:

(1 - ďata type specific) 2 Logging file type (0 - general log file) dgloge

15. hslogenable (hsloge)

This command will enable the logging of health and status messages. The user be prompted for the logging will type.

Example:

hsloge l

(0 - general log file)
(1 - data type specific)

16. nddlogenable (nddloge)

This command will enable the logging of the specified data type within the NDD The user will be prompted for type and the logging file process. the data type.

Example:

l data type (4 - Data Cycle Packets) nddloge 4

17. ndglogenable (ndgloge)

command will enable the logging should be given on an NDD only. The user will be prompted for the data type and the logging file type. command of data generator data. This This

Example:

l Data type (7 - Data Cycle Packets) (9 - OD Frames ndgloge

2 Logging file type (0 - general log file)
 (1 - data type specific)

18. scologenable (scologe)

of be This command will enable the logging scoring process. The user will scoring process. The user will prompted for the logging file type.

Example:

general log file)data type specific) 0.1 scologe 1

command will enable the This 19. uiflogenable (uifloge)

of be the logging The user will user interface commands. The prompted for the logging file

Example:

uifloge 1

general log file)data type specific)

\*\*\* Disable logging \*\*\*

data The disable logging command will pause logging of a particular type from a particular process. The user will be prompted for necessary information.

This command will disable logging of a specific data type. The information prompted will be the following: application, process, and logging data type.		Application ( support, ndd, ancillary, or checkout) Process (health_stat, user_if, ndd, or ancillary)	type (1 User Interface Commands)  (2 Health and Status Messages) (3 CSAC Messages) (4 Data Cycle Packets) (5 NASCOM Blocks) (6 OD Minor Frames) (7 DCP's from Data Generator) (8 NASCOM Blocks from Data) (Generator) (Generator) (Generator) (10 Utility)	This command disables the logging of a specified data type of the ancillary process. The user will be prompted for the logging data type.		
(logd)		1 App	3 Data	e (anclogd)		- DCP - NASCOM BIOSE)
20. <u>logdisable</u>	Example:	logd ndd ndd 4		21. <u>ancloqdisable</u>	Example:	anclogd 4 (4 -

disables the logging command This 22. csaclogdisable (csaclogd)

There are no parameters for this command. csac messages.

Example:

csaclogd

This (dglogd) 23. dglogdisable

This of a be command disables the logging prompted for the logging data type. command should be given only workstation. The user wil process. data generator

Example:

(7 - Data Cycle Packets)
(8 - NASCOM Blocks ) dglogd 7

(hslogd)

24. hslogdisable

This command disables the logging of health and status messages. There are no parameters for this command.

Example:

hslogd

```
This command disables the logging of the data generator process. This command should be given only on an NDD. The user will be prompted for the
This command disables the logging of a specified data type of the NDD process. The user will be prompted for the
                                                                            logging data type.
                                                                                                                                                                           (4 - Data Cycle Packets)
(6 - OD Frames )
                                                                                                                                                                                                                                                                                                  (ndglogd)
       (nddlogd)
                                                                                                                                                                                                                                                                                                  26. ndglogdisable
        25. nddlogdisable
                                                                                                                                                                           nddlogd 4
                                                                                                                               Example:
```

Example:

logging data type.

ndglogd 7 (7 - Data Cycle Packets) (9 - OD Frames ) 27. uiflogdisable (uiflogd)

This command will disable logging of user There parameters for this command. commands. interface

Example:

uiflogd

\*\*\* Re-initialization \*\*

The re-initialization command will be used when the user obtains an error message indicating that the logging function for a particular data type is unavailable or when the delog table could not be accessed.

28. logreinit (logrei)

be: This command will reinitialize logging for for logprompted application and process. preinitialized information

> logrei nặd nặd Example:

1 Application 2 Process

command This 29. anclogreinit (anclogrei)

other ancillary reinitialize of the are willfunction There parameters process. logging

the

Example:

anclogrei

30. csaclogreinit (csaclogrei) Thi

This command re-initializes the logging function of csac messages. There are no parameters for this command.

Example:

csaclogrei

31. dglogreinit (dglogrei)

This command re-initializes the logging function of the data generator. There are no parameters for this command.

Example:

dglogrei

32. glogreinit (glogrei)

This command re-initializes the general logger. There are no parameters for this command.

Example:
glogrei

33. hslogreinit (hslogrei)

This command re-initializes the logging function of health and status messages. There are no parameters for this command.

Example:

hslogrei

34. nddlogreinit (nddlogrei)

This command re-initializes the logging function of the NDD process. There are no parameters for this command.

Example:

nddlogrei

35. scologreinit (scologrei)

This command re-initializes the logging function of the scoring process. There function of the scoring process. The are no parameters for this command.

Example:

scologrei

36. uiflogreinit (uiflogrei)

function of the user interface process.

There are no parameters for this This command re-initializes the logging command.

Example:

uiflogrei

\*\*\* Log switch \*\*\*

file. The user will be prompted for either data type and/or logging file type. Once this command is given the log file which had been logged to will be closed and moved from the active files directory to the log files directory where it can be delogged. The log switch command will redirect logging of a data type from one data specific log file to another, or from a data specific log file to the general log file, or from a general log file, or from a general log file to a data specific log

37. logswitch (logs)

This command will switch logging from data specific to general log file or from general log file to data type specific log file. You will be prompted for the following information: application, process, logging data type, type of log file logging will be switched from, and the type of log file switched to.

Example:

```
l Data Specific Log
                                                                                                                                                                                                                                                                                      (O General Log file)
 l Application ( support, ndd, ancillary, or
                                                                                        Health and Status Messages
                                                                                                                                                                               DCP's from Data Generator
                                                                                                                                                                                                                                 OD Minor Frames from Data
                                    Process (health_stat, user_if, ndd, or
                                                                       User Interface Commands
                                                                                                                                                                                                NASCOM Blocks from Data
                                                                                                                            Data Cycle Packets
NASCOM Blocks
                                                                                                                                                               OD Minor Frames
                                                                                                          CSAC Messages
                                                                                                                                                                                                                  Generator
                                                                                                                                                                                                                                                   Generator
                   checkout)
                                                                                                                                                                                                                                                                                     4 Log file switching from
                                                                                                                                                                                                                                                                 10 Utility
                                                      ancillary)
                                                                      3 Data type
ppů ppů sbol
```

5 Log file switching to (0 General Log file (1 Data Specific Log

data type within the ancillary process. The user will be prompted for the logging data type and when the switch files of the specified switch data will specific log command should occur. (anclogs) ancllogswitch 38.

Example:

current file) 2 When Switch should occur (0 - Immediately) (i - At end of ancllogs

data type within the the ancillary process from data specific log files to general log files. The user will be prompted for the logging data type. The switch will occur immediately. command will switch logging of This 39. anc2logswitch (anc2logs)

Example:

anc2logs 4 (4 - DCP ) (5 - NASCOM Blocks)

```
file.
                                                                                                                                                                                   log
                                                                                                                                                                                                                                                                                                                        data
                                                                                                                                                                                                                                                                                                                                               this
         type within the ancillary process general log files to data specific files. The user will be prompted
                                                                                                                                                           data
                                                                                                                                                                     The user will be
                                               The switch
command will switch logging of
                                                                                                                                                            switch csac
                                                                                                                                                                                                                                                                                                                         csac
                                                                                                                                                                                                                                                                                                                                 log
                                                                                                                                                                                                                                                                                                                                               for
                                                                                                                                                                                    when to switch
                                                                                                                                                                                                                                                                                                                                   specific log file to general
                                                                                                                                                                                                                                                                                                                       switch
                                                                                                                                                                                                                                                                                                                                                no parameters
                                       log files. The user willfor the logging data type.
                                                            will occur immediately.
                                                                                                                                                                       log files.
                                                                                                                                                            will
                                                                                                                                                                                                                                                                                                                        will
                                                                                                                                                                                                                                                                                                                         command
                                                                                                                                                                                     for
                                                                                                                                                             command
                                                                                                                                                                                                                                                                                                                                                 are
                                                                                                                                                                        specific
prompted
                                                                                                                                                                                                                                                                                                                                                              command.
                                                                                                                                                                                                                                                                                                                                                 There
                                                                                                                                                                                                 files.
                                                                                                                                                                                                                                                                                                                         This
                                                                                                                                                              This
              data
                           from
  This
                                                                                                                                                                                                                                                           - at end of file
                                                                                                              NASCOM Blocks)
                                                                                                                                                                                                                                                 - immediately
                                                                                                                                                              41. csacllogswitch (csacllogs)
                                                                                                                                                                                                                                                                                                                         42. csac2logswitch (csac2logs)
   40. anc3logswitch (anc3logs)
                                                                                                     - DCP
                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                    csacllogs
                                                                                                                                                                                                                                                                                                                                                                                                   csac2logs
                                                                                                                                                                                                                                                                                                                                                                            Example:
                                                                                                      anc3logs
                                                                                                                                                                                                                            Example:
                                                                              Example:
```

This command will switch logging of CSAC messages from the general log file to data specific log file. There for no other parameters command. 43. csac3logswitch (csac3logs)

Example:

csac3logs

process. The user will be prompted for the logging data type and when the switch should occur. This command should only be given in a workstation. command will switch logging of a type within the data generator data This 44. dgllogswitch (dgllogs)

Example:

2 When Switch should occur (0 - Immediately) (1 - At end of dgllogs 7

45. dq2logswitch (dq2logs) This

This command will switch logging of a data type within the data generator process from data specific log files to general log files. The user will be prompted for the logging data type. The switch will occur immediately. This command should only be given in a

Example:

workstation.

dg2logs 7 (7 - DCP ) (8 - NASCOM Blocks)

46. dq3logswitch (dq3logs)

This command will switch logging of a data type within the data generator process from general log files to data specific log files. The user will be prompted for the logging data type. The switch will occur immediately. This command should only be given in a workstation.

Example:

dg3logs 7 (7 - DCP ) (8 - NASCOM Blocks) This command will switch general log files. The user will be prompted for when the switch should occur. 47. glogswitch (glogs)

Example:

Immediately 0 glogs 0

End of current file

health files. for command will switch status data specific log user will be prompted switch the log files. 48. hsllogswitch (hsllogs)

The

and

Example:

(0 - immediately
(1 - at end of file hsllogs 0

There are no other rnis command will switch health status data specific log file general log file. There are 49. hs2logswitch (hs2logs)

parameters for this command.

and

Example:

hs2logs

will switch health general log file command status 50. hs3logswitch (hs3logs)

other commands for this command. file. 10gspecific

Example:

hs3logs

```
logging
should
                                                                                                                                                                                                                                                                 from
              The
                                                                                                                                                                                                                                                                            data specific log files to general log files. The user will be prompted for
                                                                                                                                                                                                                                                                                                            The switch will
                                                                                                                                                            Immediately)
command will switch logging of
                                                                                                                                                                                                                                                  command will switch logging of
                                                                                                                                                                            At end of file
                                                                                                                                                                                                                                                                type within the NDD process
            type within the NDD process. will be prompted for the ltype and when the switch
                                                                                                                                                                                                                                                                                                            the logging data type.
                                                                                                                                                             2 When Switch should occur
                                                                                                                                 occur immediately.
                                                           occur
                                                                                                                                                                                                                                                  This
                                                                                                                                                                                                                                                                  data
This
               data
                                           data
                              user
                                                                                                                                                                                                                                                                                                                                                                     (4 - DCP
(6 - OD Frames
                                                                                                                                                                                                                                                   52. ndd2logswitch (ndd2logs)
51. nddllogswitch (ndgllogs)
                                                                                                                                                                                                                                                                                                                                                                       ndd2logs
                                                                                                                   nddllogs
                                                                                                                                                                                                                                                                                                                                           Example:
                                                                                        Example:
```

This command will switch logging of a data type within the NDD process from general log files to data specific log files. The user will be prompted for the logging data type. The switch will occur immediately.		This command will switch logging of a data type within the data generator process. The user will be prompted for the logging data type and when the switch should occur. This command should only be given only in an NDD.		1 Data type (7 - DCP ) (9 - OD Frames )
53. ndd3logswitch (ndd3logs) Example:	ndd3logs 4 (4 - DCP (6 - OD Frames	54. ndgllogswitch (ndgllogs)	Example:	ndgllogs 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

55. ndg2logswitch (ndg2logs)

process from data specific log files to general log files. The user will be The switch will occur immediately. This command should only be given in an NDD. of a prompted for the logging data type. command will switch logging type within the log files. general This data

Example:

(7 - DCP (9 - OD Frames ndg2logs

56. ndg3logswitch (ndg3logs)

process from general log files to data specific log files. The user will be switch will occur immediately. command should only be given in an within the data generator command will switch logging of specific log files. prompted for the loc type prompted The swite data This This

Example:

- OD Frames ndg3logs

57. scollogswitch (scollogs)

The user will be should command will switch log files for switch when the the scoring process. for prompted occur. This

Example:

0 scollogs

When Switch should occur (0 - Immediately)
(1 - At end of file )

the scoring process from data specific command will switch log files log files to general log files. other parameters for switch will occur immediately. ou are 58. scollogswitch (scollogs)

command.

The

of

this

There

Example:

scollogswitch

59. scollogswitch (scollogs)

log The There command will switch log files the scoring process from general files to data specific log files. switch will occur immediately. other parameters for ou command. This are

Example:

sco3logs

log This command will switch user interface The user will be prompted for when to switch the data specific log files. filės. 60. uifllogswitch (uifllogs)

Example:

(0 - immediately
(1 - at end of file uifllogs 0

61. uif2logswitch (uif2logs)

This command will switch user interface data specific log file to general log file. There are no other parameters for this command.

Example:

uif2logs

62. uif3logswitch (uif3logs)

This command will switch user interface general log file to data specific log file. There are no other parameters for this command.

Example:

uif3logs

\*\*\* Halt \*\*\*

The halt command will disable the logging of all data types within process which logs multiple data types.

63. ancloghalt (anclogh)

This command halts the logging of the output of the ancillary process. There are no parameters associated with this command.

Example:

anclogh

64. dgloghalt (dglogh)

This command halts the logging of the data generator process. There are no parameters associated with this command.

Example:

dglogh

65. ghaltproc (ghaltp)

This command will halt the general logger. No information will be prompted for.

Example:

ghaltp

66. nddloghalt (nddlogh)

This command halts the logging of the NDD process. There are no parameters associated with this command.

Example:

nddlogh

## DELOG

\*\*\*Delogger Process\*\*\*

dloghaltproc (dloghaltp)

The delog halt process will halt the delog process not just a delog session. No other parameters are required.

Example:

dloghaltp

2. dlogstart (dlogsta)

The delog start command will start the delog process, this command should only be issued once before requesting delog sessions. This command will only start the delog process not a delog session. No other parameters are required.

Example:

dlogsta

3. dlogreinit (dlogrei)

The delog reinitialization command should be used when delogger returns an error condition. If this still does not correct the problem then development should be called. there are no other parameters used with this command.

Example:

dlogrei

\*\*\*Delog Session\*\*\*

The delog halt current session will halt the present delog session only not the delog process. No other parameters are required. dloghaltcurrent (dloghaltc)

Example:

dloghaltc

5. <u>dloghaltall (dloghalta)</u> The

The delog halt all current sessions will cancel all delog sessions that you have queued up. It will not halt the delogger process its self. There are no other parameters needed.

Example:

dloghalta

the format for the delog, the delog file name if device is disk, the delog format, data type of the data, delog by time device, device, the delog clock, the start and stop time. delog file name (this requires the user to enter the) command - log file device He will be prompted for log file the delog listing delog (0 - floppy (2 - disk session the user to enter a lelog listing device request delog - line printer) file name, allow is 0) the log parameter l ı ഹ then the value here is \0 dlogreq 2 logl 2 0 delogl dlogreguest (dlogreg) being delogged ) up to 15 chars ) if the value of of the log file (0 - 80 column ) (1 - 132 column) enter the name this requires output format log file name the user to Example: 2 -9

then the entry on the command string

should be \0

device is disk, if it is not disk

user to enter the name of the de file up to 15 characters if the

the delog)

```
NASCOM Blocks from Data Generator
                                                                                                                              OD Frames from Data Generator
                                                                                                                                                                                                                                                                                                            the value end if not delogging
                                                                                                    DCP's from Data Generator
                                                                                                                                                                                                                                                                                                 format is ddd:hh:mm:ss.sss
                                                                                                                                                                                                 - Alternate clock
                                    health & status
                     - user interface
                                                                          NASCOM Blocks
                                                                                                                                                                                  (0 - GMT clock
(1 - Alternate
                                                                                        OD Frames
         0 -all types
                                                                                                                                            - Utility
                                                                                                                                                                      delog clock
                                                                                                                                                                                                                                                                                    stop time
                                                              DCP's
                                                                                                                                                                                                                                                                                                                            by time
                                                 CSAC
                                                                                                                                                                         σ
                                                                                                                                                                                                                                                                                                                          the value beg if not
                     ascii dumppredefined format
                                                                                                                                                                                                                                                                                                              ddd:hh:mm:ss.ss or
                                                                                                                                                                                                                                                                                                                                       delogging by time
                                                  headers only summary only
                                                                                                                                                                          delog by time
            0 - hex dump
delog format
                                                                                                                                                                                                                                                                                                  format is
                                                                                                                                                                                                                                                                                    start time
                                                                                                                                                                                      (0 - No)
  ı
                                                                                                                                                                                                                                                                                    10
                                                                                                                                                                            α
9
```

log the delog by time the delog clock, the start and stop command delog session, and delog any message type in the name log file no matter what its data type. will be prompted for log file device, file name, the delog listing device, the delog file if device is disk, the delog format, session enter to all request delog allow the user format for the delog, time. will will (alldlogreq) alldlogrequest

## Example:

```
then the entry on the command string)
                                                                                                                                                                                                                                                      delog file name
(this requires the user to enter the)
                                                                                                                                                                                                                                                                                       user to enter the name of the delog
log file device
                                                                                                                                                                                                                                                                                                   file up to 15 characters if the device is disk, if it is not disk
              - floppy
                                 - disk
                                                                               delog listing device
                                                                                                0 - line printer)
                                                                                                                                                                                                                                                                                                                                                          should be \0
                                                                                                                - CRT
                                                                                                                                                                                                      is 0)
                                                                                                                                                                                   up to 15 chars )
if the value of parameter 1
                                                                                                                                                                                                                     then the value here is \0
 delogl
                                                                                                                                                   of the log file)
                                                                                                                                   enter the name)
                                                                                                                                                                                                                                                                                       - 132 column)
                                                                                                                                                                     being delogged
                                                                                                                                                                                                                                                                        0 - 80 column
                                                                                                  (this requires
                                                                                                                                                                                                                                                      output format
                                                                                  log file name
  alldlogreq 2 logl
                                                                                                                   the user to
                                                                                     ı
                                                                                   7
```

```
(format is ddd:hh:mm:ss.sss or (the value is beg if not delogging)
delog by time (0 - No) (1 - Yes)
                                                                                               start time
                                                                                                                                         (by time.
                                                                                                                                                                                                                            stop time
(format is ddd:hh:mm:ss.sss or
(the value end if not delogging
                                                                                                  ı
                                                                                                6
              (0 - hex dump
(1 - ascii dump
(2 - predefined format
                                                                                                                           (1 - Alternate clock
                                                       headers onlysummary only
                                                                                                            0 - GMT clock
  delog format
                                                                                               delog clock
                                                                                                                                                                                                                                                                     (by time
                                                                                                                                                                                                                             10 -
   9
                                                                                                  ω
```

```
the user to enter a csac delog session, and
                                                   file
(csacdlogreg) The csac delog request command will allow
                                                 ed for log file device, log file the delog listing device, the format
                                                                                                      delog by
                                                                                                                                          originating
                                                                                                                       time the delog clock, the start, stop time,
                                                                                                                                                                         message types which are classified as csac.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             log file device
                                                                                        name
                                  will
                                                                                                                                                          delog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             - floppy
                                                                                                                                                                                                                                                                                                      Operating System status messages
                                                                                       the delog file
                                                                                                       device is disk, the delog format,
                                                                                                                                                         command will
                                                                                                                                                                                                                                                                                                                                                                                                                            Process termination messages
                                                                                                                                         and
                                  csac data type.
                                                                                                                                                                                                                                                                                                                                                         Acknowledgement messages
                                                                                                                                                                                                                Initialization messages
                                                                                                                                                                                                                                                                    General status messages
                                                                                                                                          application
                                                                                                                                                                                                                                                                                                                                        Configuration messages
                                                   prompted for log file
                                                                                                                                                                                                                                                                                                                       Queue status messages
                                                                                                                                                                                                                                                                                                                                                                                          Verification messages
                                                                                                                                                                                               The message types are:
                                                                                                                                                                                                                                                                                     Interface messages
                                                                                                                                                                                                                                 Advisory messages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  isting device
                                                                                                                                                                                                                                                                                                                                                                                                                                             Report available
                                                                                                                                                                                                                                                                                                                                                                         Restart messages
                                                                                                                                                                                                                                                   Error messages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ine printer
                                                                                     delog,
                                                                                                                                                                                                                                                                                                                                                                                                           Test messages
                                                                                                                                                          This
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CSAC status
                                  only
                                                                                                                                            originating
                                                                                       for the
                                                                                                                                                               process.
                                                                                                                                                                                                                                                                                                                                                                                                                                              14.
                                                                                                                                                                                                                                                                                                                                                                                                                            13.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        then the value here is \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      if the value of
 csacdlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    up to 15 chars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 log1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                the user to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         csacdlogred
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Example:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ı
  ω
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ~
```

A-49

```
is beg if not delogging)
                                                                    then the entry on the command string)
                          user to enter the name of the delog)
file up to 15 characters if the )
device is disk, if it is not disk )
               requires the user to enter the)
                                                                                                                                                                                                                                                                                - originating application
                                                                                                                                                                                                                         format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                                                                                                                                                   -l all applications]
                                                                                                                                                                                                                                                                                                                                      ancillary
                                                                                                                                                                                                                                                                                                             checkout
                                                                                                                                                                                                                                                                                               support
                                                                                                                                                                                                                                                                                                                        ndd
                                                                                                              - delog by time
file name
                                                                                                                                                                                                                                        the value
                                                                                                                                                                                                            start time
                                                                                 should be \0
                                                                                                                                                                                                                                                     by time.
                                                                                                                           (0 - No)
delog
               this
                                                                                                                                                                                                                ţ
                                                                                                                                                                                                                                                                                             format is ddd:hh:mm:ss.sss or
the value end if not delogging
                                                                                                                                                                                                             σ
  ഗ
                                                                                                                                      ascii dumppredefined format
                                                                                                                                                                                                                                       - Alternate clock
                                                                                                                                                                                                                                                                                                                                                                               originating process
                                                                                                                                                                   headers only
summary only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                data generator scriptor
              (0 - 80 column )
(1 - 132 column)
                                                                                                                                                                                                                         0 - GMT clock
 output format
                                                                                                                            - hex dump
                                                                                                                                                                                                                                                                                                                                                                                              health stat
                                                                                                              delog format
                                                                                                                                                                                                            delog clock
                                                                                                                                                                                                                                                                                                                                                                                                                                   ancillary
                                                                                                                                                                                                                                                                                stop time
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(lan if
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Delogger
                                                                                                                                                                                                                                                                                                                          by time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             score
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                                                                                                                                                                                                                                                                                                                                                                                12
                                                                                                                9
                                                                                                                                                                                                              α
```

```
ta type
He will
                   delog
                                                                      be prompted for log file device, log file
name, the delog listing device, the format
                                                                                                             name if
                                                                                                                               delog by
                                                                                                                                                                    and originating
                                                                                                                                                 time the delog clock, the start, stop time,
csacldlogrequest (csacldlogreg) The csac delog one request command will
                                                                                                                                                                                                                                         log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   then the entry on the command string)
                                                                                                                                                                                                                                                             (0 - floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            user to enter the name of the delog)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           delog file name
(this requires the user to enter the)
                                     only csac data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              file up to 15 characters if the device is disk, if it is not disk
                                                     which are initialization messages.
                                                                                                          for the delog, the delog file device is disk, the delog format,
                   enter
                                                                                                                                                                 application
                   t
c
                                   session, and delog
                                                                                                                                                                                                                                                                                                                                                                                                  delog listing device
                                                                                                                                                                                                                                                                                                                                                                                                                        - line printer)
                   allow the user
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         should be \0
                                                                                                                                                                  originating
                                                                                                                                                                                                                                                                                                                                                                                                                                         - CRT
                                                                                                                                                                                       process.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                being delögged )
up to 15 chars )
if the value of parameter
                                                                                                                                                                                                                                               j delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         then the value here is \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 - 132 column)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (0 - 80 column
                                                                                                                                                                                                                                              csacldlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                             this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             output format
                                                                                                                                                                                                                                                                                                                                                                                                        log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                the user to
                                                                                                                                                                                                            Example:
                                                                                                                                                                                                                                                                                                                                                                                                               ı
   6
                                                                                                                                                                                                                                                                                                                                                                                                             ~
```

```
the value is beg if not delogging)
                                                                                                                                                        originating application
                                                                                                   format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                       -1 all applications)
                                                                                                                                                                                                          ancillary
                                                                                                                                                                     (support
(checkout
delog by time
                                                                                        start time
                                                                                                                              (by time.
           (0 - No
(1 - Yes
                                                                                                                                                                     (format is ddd:hh:mm:ss.sss or the value end if not delogging
                                                                                        6
           0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                                                   1 - Alternate clock
                                                                                                                                                                                                                                                    originating process
                                                   - headers only - summary only
                                                                                                                                                                                                                                                                                                                                data generator
scriptor
                                                                                         delog clock
(0 - GMT clock
                                                                                                                                                                                                                                                                (health stat
(user if
(lan if
(ancīllary
 delog format
                                                                                                                                                         stop time
                                                                                                                                                                                                                                                                                                                                                                   Delogger
                                                                                                                                                                                                (by time
                                                                                                                                                                                                                                                                                                                                                         score
                                                                                                                                                                                                                                                                                                                   ndd
                                                                                                                                                             ı
                                                                                                                                                           10
  9
                                                                                            Φ
```

```
type
                                                    which are advisory messages. He will be prompted for log file device, log file name, the delog listing device, the format
                   delog
                                                                                                               name if
                                                                                                                                           device is disk, the delog format, delog by time the delog clock, the start, stop time,
                                                                                                                                                                                oriqinating
  command
                                                                                                                                                                                                                                                     - log file device
                                                                                                                                                                                                                                                                         – floppy
– disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           then the entry on the command string
                                      data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     user to enter the name of the delog)
                   allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         device is disk, if it is not disk
 The csac delog two request
                                                                                                            for the delog, the delog file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      file up to 15 characters if the
                                  session, and delog only csac
                                                                                                                                                                                and
                                                                                                                                                                                originating application
                                                                                                                                                                                                                                                                                                                                listing device
                                                                                                                                                                                                                                                                                                                                                 line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              should be \0
                                                                                                                                                                                                   process.
                                                                                                                                                                                                                                                                                                                              delog
(csac2dlogreg)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ı
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ഹ
                                                                                                                                                                                                                                                                                                                                                                                                                                                               if the value of parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 then the value here is \0
                                                                                                                                                                                                                                                          0 delogl
 csac2dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                         of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                     being delogged
up to 15 chars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (1 - 132 column)
                                                                                                                                                                                                                                                                                                                                                                                        enter the name
                                                                                                                                                                                                                                                           csac2dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (0 - 80 column
                                                                                                                                                                                                                                                                                                                                                   this requires
                                                                                                                                                                                                                                                                                                                                  log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    output format
                                                                                                                                                                                                                                                                                                                                                                     the user to
                                                                                                                                                                                                                        Example:
 10.
                                                                                                                                                                                                                                                                                                                                    ~
```

```
format is ddd:hh:mm:ss.ss or the value is beg if not delogging)
                                                                                                                                                     - originating application
                                                                                                                                                                                                                   -1 all applications
                                                                                                                                                                                                       ancillary
                                                                                                                                                                (support
(checkout
(ndd
- delog by time
                                                                                       start time
                                                                                                                             by time.
                        - Yes
            ON - 0)
                                                                                                                                                      I
                                                                                                                                                                              the value end if not delogging
                                                                                        σ
                                                                                                                                                                   format is ddd:hh:mm:ss.sss
                       - ascii dump
- predefined format
                                                                                        delog clock
(0 - GMT clock
(1 - Alternate clock
                                                   headers only
                                                               summary only
            0 - hex dump
delog format
                                                                                                                                                      stop time
                                                                                                                                                                                            by time
                                                                                                                                                         1
                                                                                                                                                        10
                                                                                         ω
  9
```

```
12 - originating process (health stat )
(user if (lan if ))
(ancillary )
(ndd (data generator ))
(scriptor )
(score )
(Delogger )
```

```
prompted for log file device, log file name, the delog listing device, the format
                                                                                                            for the delog, the delog file name if
device is disk, the delog format, delog by
The csac delog three request command
                                                                                                                                                  time the delog clock, the start, stop time,
                                                                                                                                                                    application and originating
                                                                                                                                                                                                                                              - log file device
                                                     which are error messages. He will
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                then the entry on the command string)
                                    data
                                                                                                                                                                                                                                                                  (0 - floppy
(2 - disk

    delog file name
(this requires the user to enter the)

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       user to enter the name of the delog
                  allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           device is disk, if it is not disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        file up to 15 characters if the
                                  session, and delog only csac
                                                                                                                                                                                                                                                                                                                         delog listing device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        - delog by time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 should be \0
                                                                                                                                                                     originating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (0 - No)
                                                                                                                                                                                            process.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           l is 0)
(csac3dlogreg)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                             parameter
                                                                                                                                                                                                                                                 ž 0 delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              then the value here is \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             predefined format
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   headers onlysummary only
csac3dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                        up to 15 chars ) if the value of
                                                                                                                                                                                                                                                                                                                                                                                                    of the log file
                                                                                                                                                                                                                                                 csac3dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                    enter the name)
                                                                                                                                                                                                                                                                                                                                                                                                                     being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       132 column
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          - hex dump
- ascii dump
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (0 - 80 column
                                                                                                                                                                                                                                                                                                                                               this requires
                                                                                                                                                                                                                                                                                                                           log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  output format
                                                                                                                                                                                                                                                                                                                                                                 the user to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        delog format
                                                                                                                                                                                                             Example:
                                                                                                                                                                                                                                                                                                                                ı
 11.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Q
```

```
(format is ddd:hh:mm:ss.sss or (the value is beg if not delogging)
                                                                - originating application
                                                                                                                            -l all applications)
                                                                                                                ancillary
                                                                            (support
(checkout
(ndd
  start time
                                       (by time.
                                                                디
                                                                          (format is ddd:hh:mm:ss.sss or (the value end if not delogging
   σ
8 - delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                    originating process
                                                                                                                                                                                                                              data_generator
|scriptor
                                                                                                                                                                (health stat
(user if
(lan if
                                                                                                                                                                                                  ancillary
                                                              stop time
                                                                                                                                                                                                                                                                   Delogger
                                                                                                   (by time
                                                                                                                                                                                                                                                        score
                                                                                                                                                                                                                  ndd
                                                                 1
                                                               10
                                                                                                                                                    12
```

```
delog
                                      type
     command
                                                                                       the delog listing device, the format
                                                                                                                           delog by
                                                                                                                                           time the delog clock, the start, stop time,
                                                                                                                                                               originating
                                                                                                          the delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          then the entry on the command string)
                                                                     log
                                                                                                                                                                                                                                                  0 - floppy
                                      data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    user to enter the name of the delog
                  allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    file up to 15 characters if the device is disk, if it is not disk
 The csac delog four request
                                                     which are general status messages.
                                                                                                                           device is disk, the delog format,
                                                                       be prompted for log file device,
                                  session, and delog only csac
                                                                                                                                                              originating application and
                                                                                                                                                                                                                                                                                                       delog listing device
                                                                                                                                                                                                                                                                                                                         - line printer)
                                                                                                       for the delog,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          should be \0
                                                                                                                                                                                process.
                                                                                        name,
(csac4dlogreg)
                                                                                                                                                                                                                                                                                                                                                                                                                                  parameter
                                                                                                                                                                                                                                   delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ŋ
                                                                                                                                                                                                                                                                                                                                                                                                                                                  then the value here is \0
 csac4dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                             up to 15 chars if the value of
                                                                                                                                                                                                                                                                                                                                                                           of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   132 column)
                                                                                                                                                                                                                                                                                                                                                           enter the name
                                                                                                                                                                                                                                                                                                                                                                                             being delogged
                                                                                                                                                                                                                                   csac4dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                       this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (0 - 80 column
                                                                                                                                                                                                                                                                                                       log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 output format
                                                                                                                                                                                                                                                                                                                                           the user to
                                                                                                                                                                                                Example:
 12.
                                                                                                                                                                                                                                                                                                             ı
                                                                                                                                                                                                                                                                                                         ~
```

```
(format is ddd:hh:mm:ss.ss or the value is beg if not delogging)
                                                                                                                                            - originating application
                                                                                                                                                                                                     -1 all applications)
                                                                                                                                                                                         ancillary
                                                                                                                                                                   (checkout
(ndd
                                                                                                                                                        (support
- delog by time
                                                                                 start time
                                                                                                                     by time.
                       1 - Yes
          ON - 0
                                                                                                                                                                 the value end if not delogging
                                                                                                                                                          or
                                                                                  σ
                                                                                                                                                       format is ddd:hh:mm:ss.sss
                     - ascii dump
- predefined format
                                                                                delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                            originating process
                                              headers onlysummary only
                                                                                                                                                                                                                                                                                                  data_generator
scriptor
         0 - hex dump
                                                                                                                                                                                                                                        health stat
delog format
                                                                                                                                                                                                                                                                         ancillary
                                                                                                                                           stop time
                                                                                                                                                                                                                                                                                                                                     Delogger
                                                                                                                                                                                                                                                  (user if
                                                                                                                                                                               by time
                                                                                                                                                                                                                                                                                                                           score
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                                                                                                                                            10
                                                                                                                                                                                                                             12
                                                                                 œ
9
```

```
data type
He will be
                                                                     log file
                   delog
                                                                      prompted for log file device, log file name, the delog listing device, the format
                                                                                                          for the delog, the delog file name if
                                                                                                                                                                   originating application and originating .pa
  command
                                                                                                                              delog by
                                                                                                                                               time the delog clock, the start, stop time,
                                                                                                                                                                                                                                         - log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   then the entry on the command string)
                                                                                                                                                                                                                                                           (0 - floppy
(2 - disk

    delog file name
(this requires the user to enter the)

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            user to enter the name of the delog
                   allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               device is disk, if it is not disk
The csac delog five request
                                                                                                                             device is disk, the delog format,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            file up to 15 characters if the
                                    session, and delog only csac
                                                      are interface messages.
                                                                                                                                                                                                                                                                                                                                                                                                  delog listing device
                                                                                                                                                                                                                                                                                                                                                                                                                     0 - line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     should be \0
                                                                                                                                                                                                                                                                                                                                                                                                                                       - CRT
                                                                                                                                                                                     process.
                                                       which
(csac5dlogreq)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
T
                                                                                                                                                                                                                                            0 delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    then the value here is \0
                                                                                                                                                                                                                                                                                                                                                                                                     m
  csac5dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               up to 15 chars)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            - 132 column
                                                                                                                                                                                                                                                                                                                                                                                                                                                            enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (0 - 80 column
                                                                                                                                                                                                                                                                                                                                                                                                                      (this requires
                                                                                                                                                                                                                                            csac5dlogreq 2 log
                                                                                                                                                                                                                                                                                                                                                                                                     log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       output format
                                                                                                                                                                                                                                                                                                                                                                                                                                         the user to
                                                                                                                                                                                                         Example:
                                                                                                                                                                                                                                                                                                                                                                                                        1
  13.
                                                                                                                                                                                                                                                                                                                                                                                                     ~
```

```
the value is beg if not delogging)
                                                                                                                                             11 - originating application
                                                                                              format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                         -l all applications)
                                                                                                                                                                                              ancillary
                                                                                                                                                            (support
(checkout
delog by time (0 - No) (1 - Yes)
                                                                                                                                                                                  ndd
                                                                                   start time
                                                                                                                      (by time.
                                                                                     I
                                                                                                                                                            or
                                                                                                                                                                   the value end if not delogging
                                                                                   σ
                                                                                                                                                        ddd:hh:mm:ss.sss
          0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                                         - Alternate clock
                                                                                                                                                                                                                               12 - originating process
                                              headers only summary only
                                                                                                                                                                                                                                                                                                      data_generator
scriptor
                                                                                           (0 - GMT clock
(1 - Alternate
                                                                                                                                                                                                                                            health stat
delog format
                                                                                                                                           stop time
(format is
                                                                                  delog clock
                                                                                                                                                                                                                                                                             ancillary
                                                                                                                                                                                                                                                    (user if
(lan if
                                                                                                                                                                                                                                                                                                                                         Delogger
                                                                                                                                                                                by time
                                                                                                                                                                                                                                                                                                                              score
                                                                                                                                                                                                                                                                                          ndd
                                                                                                                                               ı
                                                                                    ı
                                                                                                                                             10
9
                                                                                  ω
```

```
application
                                                    which are operating system status messages.
He will be prompted for log file device,
log file name, the delog listing device,
                                     type
                                                                                                         the delog file
                                                                                                                                           the delog format,
 command
                   deloc
                                                                                                                                                                                                                                                    log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 then the entry on the command string
                                                                                                                                                                                                                                                                      (0 - floppy
(2 - disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (this requires the user to enter the)
                                   data
                                                                                                                                                               clock,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          user to enter the name of the delog
                   allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              device is disk, if it is not disk
csac delog six request
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           file up to 15 characters if the
                                  session, and delog only csac
                                                                                                                                          name if device is disk, the delog by time the delog start, stop time, originating
                                                                                        file name, the delog format for the delog,
                                                                                                                                                                                                   and originating process.
                                                                                                                                                                                                                                                                                                                           listing device
                                                                                                                                                                                                                                                                                                                                            line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  should be \0
  _{
m The}
                                                                                                                                                                                                                                                                                                                                                             CRT
  (csac6dlogreq)
                                                                                          log
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1
                                                                                                                                                                                                                                                                                                                                                                                                                                                        parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           S
                                                                                                                                                                                                                                                      delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        then the value here is \0
   csac6dlogreguest
                                                                                                                                                                                                                                                                                                                                                                                                                                  up to 15 chars )
if the value of
                                                                                                                                                                                                                                                                                                                                                                                                of the log file
                                                                                                                                                                                                                                                                                                                                                                                enter the name)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - 132 column)
                                                                                                                                                                                                                                                       csac6dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                  being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - 80 column
                                                                                                                                                                                                                                                                                                                                           this requires
                                                                                                                                                                                                                                                                                                                           log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        output format
                                                                                                                                                                                                                                                                                                                                                               the user to
                                                                                                                                                                                                                    Example:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ı
    14.
                                                                                                                                                                                                                                                                                                                             ~
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
```

```
the value is beg if not delogging)
                                                                                                                                                   - originating application
                                                                                                format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                      ancillary
[-1 all applications)
                                                                                                                                                                  (support
delog by time (0 - No) (1 - Yes)
                                                                                                                                                                                           ndd
                                                                                       - start time
                                                                                                                             by time.
                                                                                                                                                                   (format is ddd:hh:mm:ss.sss or the value end if not delogging
                                                                                         6
                          ascii dumppredefined format
                                                                                                                   - Alternate clock
                                                     headers only summary only
                                                                                                       (0 - GMT clock
                0 - hex dump
      delog format
                                                                                           delog clock
                                                                                                                                                         stop time
                                                                                                                                                                                               (by time
                                                                                                                                                            10 -
                                                                                              ω
        9
```

```
.2 - originating process (health stat)
(user if )
(lan if )
(ancillary )
(ndd (data generator )
(scriptor )
(score )
(belogger )
```

```
delog
                                                                file
                                                                              the delog listing device, the format
                                                                                                the delog file name if
                                                                                                                 delog by
                                                                                                                                                    oriqinating
   command
                                                                                                                                  time the delog clock, the start, stop time,
                                                                                                                                                                                                                  og file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      then the entry on the command string
                                                                                                                                                                                                                                0 - floppy
                                                               log
                                  data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (this requires the user to enter the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 user to enter the name of the delog
file up to 15 characters if the
                 allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    device is disk, if it is not disk
delog seven request
                                                                                                                device is disk, the delog format,
                                                  which are queue status messages.
                                                                be prompted for log file device,
                                 only csac
                                                                                                                                                  originating application and
                                session, and delog
                                                                                                                                                                                                                                                                                    isting device
                                                                                                                                                                                                                                                                                                    line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       delog by time
                                                                                                for the delog,
                                                                                                                                                                                                                                                                                                                                                                                                                                                     delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      should be \0
 (csac7dlogreg) The csac will allow the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ON - 0
                                                                                                                                                                    process.
                                                                                  name,
                                                                                                                                                                                                                                                                                                                                                                                                        13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A-63
                                                                                                                                                                                                                                                                                                                                                                                                      parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ഹ
                                                                                                                                                                                                                                                                                                                                                                                                                     then the value here is \0
                                                                                                                                                                                                                    delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ascii dumppredefined format
 csac7dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       - headers only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         summary only
                                                                                                                                                                                                                                                                                                                                                    of the log file
                                                                                                                                                                                                                                                                                                                                                                                                    if the value of
                                                                                                                                                                                                                                                                                                                                      enter the name
                                                                                                                                                                                                                                                                                                                                                                                   up to 15 chars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    - 132 column
                                                                                                                                                                                                                                                                                                                                                                    being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    - 80 column
                                                                                                                                                                                                                                                                                                   this requires
                                                                                                                                                                                                                    csac7dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         - hex dump
                                                                                                                                                                                                                                                                                     od file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                     output format
                                                                                                                                                                                                                                                                                                                       the user to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        delog format
                                                                                                                                                                                     Example:
  15.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          9
                                                                                                                                                                                                                                                                                      ~
```

```
(the value is beg if not delogging)
                                                              11 - originating application
            format is ddd:hh:mm:ss.sss or
                                                                                                              ancillary
-1 all applications)
                                                                        (support
(checkout
(ndd
start time
                                     (by time.
  ı
                                                              stop time
(format is ddd:hh:mm:ss.sss or
(the value end if not delogging
σ
           (0 - GMT clock
(1 - Alternate clock
                                                                                                                                                       originating process
                                                                                                                                                                                                                                 data_generator
scriptor
                                                                                                                                                                  (health stat
(user if
(lan if
(ancillary
delog clock
                                                                                                                                                                                                                                                                       Delogger
                                                                                                    (by time
                                                                                                                                                                                                                                                            score
                                                                                                                                                                                                                    ppu
                                                               10 -
                                                                                                                                                       12
 Φ
```

```
delog
                                                                    file
                                                                                                                         delog by
The csac delog eight request command
                                     type
                                                                                       name, the delog listing device, the format
                                                                                                                                           time the delog clock, the start, stop time,
                                                                                                                                                             originating
                                                                                                                                                                                                                                 log file device
                                                                                                       for the delog, the delog file name device is disk, the delog format, delog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             then the entry on the command string)
                                                                                                                                                                                                                                                   (0 - floppy
(2 - disk
                                                                    log
                                   data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        user to enter the name of the delog
                allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        file up to 15 characters if the device is disk, if it is not disk
                               session, and delog only csac on which are configuration messages.
                                                                    be prompted for log file device,
                                                                                                                                                             and
                                                                                                                                                          application
                                                                                                                                                                                                                                                                                                         delog listing device
                                                                                                                                                                                                                                                                                                                         line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       delog file name
                                                                                                                                                           originating
                                                                                                                                                                               process.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         this
(csac8dlogreq)
                                                                                                                                                                                                                                                                                                                                                                                                                                  if the value of parameter l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ഹ
                                                                                                                                                                                                                                     delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                   then the value here is \0
 csac8dlogrequest
                                                                                                                                                                                                                                                                                                                                                                               of the log file)
                                                                                                                                                                                                                                                                                                                                                                                                              up to 15 chars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        - 132 column)
                                                                                                                                                                                                                                                                                                                                                             enter the name
                                                                                                                                                                                                                                                                                                                                                                                              being delögged
                                                                                                                                                                                                                                    2 log1
                                                                                                                                                                                                                                                                                                                         this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (0 - 80 column
                                                                                                                                                                                                                                                                                                          log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       output format
                                                                                                                                                                                                                                                                                                                                            the user to
                                                                                                                                                                                                                                   csac8dlogreq
                                                                                                                                                                                                  Example:
  16.
                                                                                                                                                                                                                                                                                                           2
```

should be \0

```
format is ddd:hh:mm:ss.ss or
the value is beg if not delogging)
                                                                                                                                               11 - originating application
                                                                                                                                                                                                            -1 all applications)
                                                                                                                                                                                               ancillary
                                                                                                                                                           (support
(checkout
(ndd
delog by time
                                                                                   start time
                                                                                                                        by time.
                       (1 - Yes
           ON - 0
                                                                                                                                                                         the value end if not delogging
                                                                                     σ
                                                                                                                                                 stop time
(format is ddd:hh:mm:ss.sss
                                   - predefined format
                                                                                    delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                                      originating process
                                                headers onlysummary only
                                                                                                                                                                                                                                                                                                               data_generator
scriptor
           0 - hex dump
1 - ascii dump
                                                                                                                                                                                                                                                  health stat
  delog format
                                                                                                                                                                                                                                                                                    ancillary
                                                                                                                                                                                                                                                                                                                                                 Delogger
                                                                                                                                                                                                                                                            (user i<u>f</u>
(lan if
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                                                                                                                                                                                                                                                                                                                                       score
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log
                                                                                 file name, the delog listing device, the format for the delog, the delog file name if device is disk, the delog format, delog
command
                                                                                                                                      by time the delog clock, the start, stop
                 delog
                                                                                                                                                                                                                           log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     then the entry on the command string)
                                                      which are acknowned for log file device, will be prompted for log file device,
                                                                                                                                                                                                                                               0 - floppy
2 - disk
                                                   messages.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                user to enter the name of the delog
                                  data
                  allow the user to enter a csac
                                                                                                                                                      application
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  device is disk, if it is not disk
The csac delog nine request
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               file up to 15 characters if the
                                 session, and delog only csac which are acknowledgement mes
                                                                                                                                                         originating
                                                                                                                                                                            originating process.
                                                                                                                                                                                                                                                                                                                                                                               delog listing device
                                                                                                                                                                                                                                                                                                                                                                                                  0 - line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     should be \0
                                                                                                                                                                                                                                                                                                                                                                                                                                     - disk
                                                                                                                                                                                                                                                                                                                                                                                                                  - CRT
                                                                                                                                                             time,
(csac9dlogreg)
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                                                                                                                                                                                                                                  delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           then the value here is \0
  csac9dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        being delogged )
up to 15 chars )
if the value of
                                                                                                                                                                                                                                                                                                                                                                                                                                                       of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                                       enter the name)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                132 column
                                                                                                                                                                                                                                  2 log1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (0 - 80 column
                                                                                                                                                                                                                                                                                                                                                                                                  this requires
                                                                                                                                                                                                                                                                                                                                                                                  log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              output format
                                                                                                                                                                                                                                                                                                                                                                                                                      the user to
                                                                                                                                                                                                                                    csac9dlogreq
                                                                                                                                                                                                 Example:
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the value is beg if not delogging)
                                                                                                                                           - originating application
                                                                                          format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                     -1 all applications)
                                                                                                                                                                                         ancillary
                                                                                                                                                                   checkout
                                                                                                                                                        support
                                                                                                                                                                              ndd
delog by time
                                                                                 start time
                                                                                                                  (by time.
           (0 - No
(1 - Yes
                                                                                                                                           11
                                                                                                                                                         or
                                                                                                                                                                  the value end if not delogging
                                                                                  σ
                                                                                                                                                        format is ddd:hh:mm:ss.sss
          hex dumpascii dumppredefined format
                                                                                                         - Alternate clock
                                                                                                                                                                                                                             originating process
                                              - headers only
                                                          summary only
                                                                                                                                                                                                                                                                                                   data generator scriptor
                                                                                  delog clock
(0 - GMT clock
                                                                                                                                                                                                                                         health stat
  delog format
                                                                                                                                                                                                                                                  (user if (lan if (ancillary
                                                                                                                                           stop time
                                                                                                                                                                                                                                                                                                                                     Delogger
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prompted for log file device, log file name, the delog listing device, the format
                                                                                                              name if
                                                                                                                                                                                                                                                     - log file device
The csac delog ten request command
                                                                                                                                       device is disk, the delog format, delog by
                                                                                                                                                         the start, stop time,
                                                                                                                                                                        originating application and originating
                                                       will
                                                                                                                                                                                                                                                                      - floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  then the entry on the command string)
                                     session, and delog only csac data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        delog file name
(this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         user to enter the name of the delog
                   allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               device is disk, if it is not disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           file up to 15 characters if the
                                                                                                               for the delog, the delog file
                                                       which are restart messages.
                                                                                                                                                         time the delog clock,
                                                                                                                                                                                                                                                                                                                                  delog listing device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       should be \0
                                                                                                                                                                                                                                                                                                                                                                     CRT
                                                                                                                                                                                                process.
  (csacl0dlogreq)
                                                                                                                                                                                                                                                          delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ഹ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    then the value here is \0
  csacl0dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                up to 15 chars ) if the value of
                                                                                                                                                                                                                                                                                                                                                                                                            of the log file
                                                                                                                                                                                                                                                          csaclOdlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              - 132 column)
                                                                                                                                                                                                                                                                                                                                                                                          enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                              being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              - 80 column
                                                                                                                                                                                                                                                                                                                                                     this requires
                                                                                                                                                                                                                                                                                                                                    log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         - output format
                                                                                                                                                                                                                                                                                                                                                                          the user to
                                                                                                                                                                                                                         Example:
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the value is beg if not delogging)
                                                                                                                                             - originating application
                                                                                              format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                          ancillary
(-1 all applications)
                                                                                                                                                        (support
(checkout
(ndd
delog by time
                                                                                  start time
                                                                                                                     by time.
          (0 - No)
                       - Yes
                                                                                                                                             11
                                                                                                                                                           or
                                                                                                                                                                     the value end if not delogging
                                                                                                                                                          format is ddd:hh:mm:ss.sss
                                 - predefined format
                                                                                                         1 - Alternate clock
                                                                                                                                                                                                                                                               - originating process
                                              - headers only
                                                           - summary only
                                                                                                                                                                                                                                                                                                                                     data_generator
scriptor
          - hex dump
- ascii dump
                                                                                   delog clock
(0 - GMT clock
                                                                                                                                                                                                                                                                          health stat
delog format
                                                                                                                                                                                                                                                                                    (user if
(lan if
(ancillary
                                                                                                                                             stop time
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                                                                                                                                                                                                                                                                                                                                                              score
                                                                                                                                                                                                                                                                                                                          ndd
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Delogger

csacildiogrequest (csacildiogreq) The csac delog eleven request command will allow the user to enter a csac delog be prompted for log file device, log file name, the delog listing device, the format name if delog by originating time the delog clock, the start, stop time, for the delog, the delog file device is disk, the delog format, are verification messages. only csac and application session, and delog originating process. which name, 19.

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log file device
                  0 - floppy
                                                                                                                                                                                                                                                                                         then the entry on the command string)
                                                                                                                                                                                                                               (this requires the user to enter the)
                                                                                                                                                                                                                                             user to enter the name of the delog
                                                                                                                                                                                                                                                                        device is disk, if it is not disk
                                                                                                                                                                                                                                                         file up to 15 characters if the
                           delog file name
                                                                                                                                                                                                                                                                                                      should be \0
                                                                                                                                                                                                                   ı
     0 delogl
                                                                                                                                                   up to 15 chars )
if the value of parameter
                                                                                                                                                                                 then the value here is \0
                                                                                                                                                                                                                ഹ
csaclldlogreq 2 logl
                                                                                                                       of the log file
                                                                                                                                     being delogged
                                                                                                                                                                                                                                            1 - 132 column)
                                                                                                        enter the name
                                                                           this requires
                                                                                                                                                                                                                            0 - 80 column
                                                             - log file name
                                                                                                                                                                                                             output format
                                                                                           the user to
                                                              ~
```

```
the value is beg if not delogging
                                                                                                                                                                                           - originating application
                                                                                                                                         format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                                                        -1 all applications)
                                                                                                                                                                                                                                           ancillary
                                                                                                                                                                                                      (support
(checkout
(ndd
- delog by time
                                                                                                                              - start time
                                                                                                                                                                  (by time.
            (0 - No)
                                                                                                                                                                                                        (format is ddd:hh:mm:ss.sss or the value end if not delogging
                                                                                                                               σ
            - hex dump
- ascii dump
- predefined format
                                                                                                                                                       1 - Alternate clock
                                                                                                                                                                                                                                                                                  - originating process
  (health stat )
                                                   - headers only
                                                               summary only
                                                                                                                                                                                                                                                                                                                                                             data generator scriptor
                                                                                                                              delog clock
(0 - GMT clock
  delog format
                                                                                                                                                                                                                                                                                                         (user if
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                                                                                                                                                                                             stop time
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20. csacl2dlogreguest (csacl2dlogreg) The csac delog twelve request command
                          delog
                                                                               file
                                                                          prompted for log file device, log file name, the delog listing device, the format
                                                                                                                                     delog by
                                                                                                                                                                         originating
                                                                                                                                                  time the delog clock, the start, stop time,
                                                                                                                                                                                                                                               od file device
                                                                                                                     name
                                                                                                                                                                                                                                                                - floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               then the entry on the command string)
                                             data
                      allow the user to enter a csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            the delog
                                                                                                                                 device is disk, the delog format,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            device is disk, if it is not disk
                                                                                                              for the delog, the delog file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            file up to 15 characters if the
                                      session, and delog only csac
                                                                                                                                                                         and
                                                         which are test messages.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            user to enter the name of
                                                                                                                                                                     application
                                                                                                                                                                                                                                                                                                                     delog listing device
                                                                                                                                                                                                                                                                                                                                     0 - line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 should be \0
                                                                                                                                                                     originating
                                                                                                                                                                                         process.
                                                                                                                                                                                                                                                                                                                                                                                                                                                parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                              then the value here is \0
                                                                                                                                                                                                                                                                                                                                                                                                                         up to 15 chars )
if the value of
                                                                                                                                                                                                                                                                                                                                                                                     of the log file
                                                                                                                                                                                                                                       csacl2dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (1 - 132 column)
                                                                                                                                                                                                                                                                                                                                                                    enter the name
                                                                                                                                                                                                                                                                                                                                                                                                        being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0 - 80 column
                                                                                                                                                                                                                                                                                                                                 this requires
                                                                                                                                                                                                                                                                                                                 log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    output format
                                                                                                                                                                                                                                                                                                                                                    the user to
                                                                                                                                                                                                       Example:
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```
the value is beg if not delogging)
                                                                                                                                              - originating application
                                                                                               format is ddd:hh:mm:ss.ss or
                                                                                                                                                                                                       -l all applications)
                                                                                                                                                                                             ancillary
                                                                                                                                                          (support
(checkout
(ndd
  delog by time
                                                                                    start time
                                                                                                                       by time.
             (0 - No)
                                                                                                                                              11
                                                                                                                                                       format is ddd:hh:mm:ss.sss or
the value end if not delogging
          0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                               originating process
                                             headers onlysummary only
                                                                                                                                                                                                                                                                                                    data_generator
scriptor
                                                                                                                                                                                                                                        (heálth stát
(user if
(lan if
(ancīllary
delog format
                                                                                                                                            stop time
                                                                                                                                                                                                                                                                                                                                      Delogger
                                                                                                                                                                               by time
                                                                                                                                                                                                                                                                                                                            score
                                                                                                                                                                                                                                                                                        ndd
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type which are process termination messages. He will be prompted for log file
                                                                                     device, log file name, the delog listing device, the format for the delog, the delog file name if device is disk, the delog format, delog by time the delog clock, the
                 command will allow the user to enter a csac
                                       data
     request
                                                                                                                                                          application
                                                                                                                                                                                                                              log file device
                                                                                                                                                                                                                                                (0 - floppy
(2 - disk
                                       csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                delog file name
(this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  user to enter the name of the delog
  thirteen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  device is disk, if it is not disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  file up to 15 characters if the
                                    and delog only
                                                                                                                                                         start, stop time, originating
                                                                                                                                                                          and .pa originating process.
 delog
                                                                                                                                                                                                                                                                                                                                                                     delog listing device
     csac
                                                                                                                                                                                                                                                                                                                                                                                      0 - line printer)
                                   session,
                                                   which
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      should be \0
                                                                                                                                                                                                                                                                                                                                                                                                       1 - CRT
2 - disk
                               delog
                                                   type
 (csacl3dlogreq)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A-75
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                                                                                                                                                                                                                             0 delogl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               then the value here is \0
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21. csacl3dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if the value of
                                                                                                                                                                                                                                                                                                                                                                                                                                          of the log file
                                                                                                                                                                                                                          csacl3dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                                           being delogged
up to 15 chars
                                                                                                                                                                                                                                                                                                                                                                                                                            enter the name)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 132 column
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (0 - 80 column
                                                                                                                                                                                                                                                                                                                                                                                        this requires
                                                                                                                                                                                                                                                                                                                                                                       log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                output format
                                                                                                                                                                                                                                                                                                                                                                                                           the user to
                                                                                                                                                                                            Example:
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```
the value is beg if not delogging
                                                                                                                                                           - originating application
                                                                                                      (format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                           -1 all applications)
                                                                                                                                                                                                               ancillary
                                                                                                                                                                        (support
(checkout
                                                                                                                                                                                                  ndd
delog by time
                                                                                          start time
                                                                                                                                  (by time.
            \begin{pmatrix} 0 & - & \text{No} \\ 1 & - & \text{Yes} \end{pmatrix}
                                                                                                                                                            I
                                                                                              ł
                                                                                                                                                                         (format is ddd:hh:mm:ss.sss or the value end if not delogging
                                                                                            σ
           0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                            delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                                                        originating process
                                                     headers onlysummary only
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scriptor
                                                                                                                                                                                                                                                                   (health stat
(user if
(lan if
  delog format
                                                                                                                                                                                                                                                                                                          ancillary
                                                                                                                                                           stop time
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                                                                                                                                                                                                    by time
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data
                                                                                                                                                                        application
                command will allow the user to enter a csac
                                                which are report available messages,
   reguest
                                                                  device,
                                                                                   device,
                                                                                                                                                                                                                                        log file device
                                                                                                                                                                                                                                                       - floppy
                                session, and delog only csac
                                                                                                 the delog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         then the entry on the command string
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       user to enter the name of the delog
                                                                                                                                        name if device is disk, the delog
                                                                                 file name, the delog listing
                                                                 He will be prompted for log file
 fourteen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     device is disk, if it is not disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     file up to 15 characters if the
                                                                                                                                                         the delog
originating
                                                                                               format for the delog,
delog
                                                                                                                                                                                          and originating process.
                                                                                                                                                          the
                                                                                                                                                                                                                                                                                                       delog listing device
                                                                                                                                                         delog by time start, stop time,
    csac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        delog file name
                                                                                                                                                                                                                                          í pěd end -ĭ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        should be \0
  The
                                  delog
                                                                                                                                                                                                                                                                                                                                                                                                                        is 0
 (csacl4dlogreg)
                                                                                log
                                                                                                 the
                                                                                                                                                                                                                                          0 delogl
                                                                                                                                                                                                                                                                                                                                                                                                                         parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         S
                                                                                                                                                                                                                                                                                                                                                                                                                                         then the value here is \0
 22. csac14dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                      up to 15 chars )
if the value of
                                                                                                                                                                                                                                                                                                                                                                         of the log file
                                                                                                                                                                                                                                          csacl4dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                       being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      - 132 column)
                                                                                                                                                                                                                                                                                                                                                         enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (0 - 80 column
                                                                                                                                                                                                                                                                                                                        this requires
                                                                                                                                                                                                                                                                                                        log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        output format
                                                                                                                                                                                                                                                                                                                                          the user to
                                                                                                                                                                                                           Example:
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format is ddd:hh:mm:ss.sss or the value is beg if not delogging)
                                                                                                                                                       - originating application
                                                                                                                                                                                                                      -l all applications)
                                                                                                                                                                                                          ancillary
                                                                                                                                                                    (support
(checkout
(ndd
delog by time
                                                                                        start time
                                                                                                                               by time.
           (0 - No)
                                                                                           ı
                                                                                                                                                                    format is ddd:hh:mm:ss.sss or
the value end if not delogging
                                                                                         6
             - hex dump
- ascii dump
- predefined format
                                                                                                                   - Alternate clock
                                                   headers only
                                                                 summary only
                                                                                          delog clock
(0 - GMT clock
  - delog format
                                                                                                                                                         stop time
                                                                                                                                                                                               by time
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```
12 - originating process (health stat )
(user if (lan if ))
(ancillary )
(ndd ))
(data generator )
(scriptor )
(score )
(Delogger )
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the
                                                            109
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 reguest
                CSAC
                               data
                                                                                            name
                                                                                                                        the delog clock, the start, stop
                                                                                                                                                                                                   log file device
             command will allow the user to enter a
                                                                                                                                                                                                                  0 - floppy
2 - disk
                                                          will be prompted for log file device, file name, the delog listing device,
                                              which arecsac status messages.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              then the entry on the command string)
                                                                                          the delog file
                                                                                                       if device is disk, the delog format,
                                                                                                                                                                                                                                                                                                                                                                                                                                  (this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                user to enter the name of the delog
                                                                                                                                     application
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             device is disk, if it is not disk
fifteen
                                                                                                                                                                                                                                                                                                                                                                                                                                                             file up to 15 characters if the
                             session, and delog only
delog
                                                                                         format for the delog,
                                                                                                                                       originating
                                                                                                                                                                                                                                 originating process.
 csac
                                                                                                                                                                                                                                                                           0 - line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7 - delog by time
                                                                                                                                                                                                                                                                                                                                                                                                                    delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            should be \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (0 - No)
                                                                                                                         by time
                             delog
(csacl5dlogreq)
                                                                                                                                                                                                                                                                                                                                                                                                                       ı
                                                                                                                                                                                                   ğ delogl
                                                                                                                                                                                                                                                                                                                                                                                                                    ഗ
                                                                                                                                                                                                                                                                                                                                                                       parameter
                                                                                                                                                                                                                                                                                                                                                                                       then the value here is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        predefined format
csac15dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       - headers only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       summary only
                                                                                                                                                                                                                                                                                                                                                      up to 15 chars ) if the value of
                                                                                                                                                                                                    csacl5dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                         of the log file
                                                                                                                                                                                                                                                                                                                                        being delogged
                                                                                                                                                                                                                                                                                                           enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                132 column
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      - ascii dūmp
                                                                                                                                                                                                                                                                                                                                                                                                                                 0 - 80 column
                                                                                                                                                                                                                                                                              this requires
                                                                                                                                                                                                                                                              - log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - hex dump
                                                                                                                                                                                                                                                                                                                                                                                                                  output format
                                                                                                                                                                                                                                                                                               the user to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            delog format
                                                                                                                                                                       Example:
                                                                                                                                                                                                                                                                 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              o
```

```
(the value is beg if not delogging)
                                                           originating application
         format is ddd:hh:mm:ss.sss or
                                                                                                           ancillary (-1 all applications)
                                                                       (support
(checkout
(ndd
start time
                                    (by time.
                                                             11
                                                             stop time
(format is ddd:hh:mm:ss.sss or
(the value end if not delogging
   ı
 σ
 delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                   originating process
(health_stat )
                                                                                                                                                                                                                             |data_generator
|scriptor
                                                                                                                                                                      (user i\vec{f}) (lan i\vec{f}) (ancillary) (ndd
                                                                                                                                                                                                                                                               Delogger
                                                                                                   by time
                                                                                                                                                                                                                                                      score
                                                                 1
                                                                                                                                                    12
                                                                10
   ω
```

```
stop
                                               and delog only dcp data type. He will be prompted for log file device, log file name, the delog listing device, the format
                                                                                                                                                 delog by
      will
                         allow the user to enter a delog session,
                                                                                                                                                                                                          MTUI
                                                                                                                                  name
                                                                                                                                                                                                                             OI MTU1 stop time,
   The dcp request delog session command
                                                                                                                                                                           time the delog clock, the start time, delog by OI MTUl time, the OI
                                                                                                                      for the delog, the delog file device is disk, the delog format, time the delog clock, the st
                                                                                                                                                                                                                               start time, the OI MTUl stop
window number and a format id.
24. dcpdlogrequest (dcpdlogreq)
```

```
predefined format
                                                                  log file name
(this requires the user to enter the)
                                                                                                    name of the log file being delogged
up to 15 chars if the value of
                                                                                                                                         parameter 1 is 1. If it is 0 then
                                                                                                                                                                                                                                                                                                                                                             - headers only
                                                                                                                                                                                                                                                                                                                                                                              summary only
                                                                                                                                                           the value of this parameter is \0
                                                                                                                                                                                                                                                                                                                        - ascii dump
                                                                                                                                                                                                                                                                                                       0 - hex dump
                                                                                                                                                                                                                                                                                      delog format
0 delog1 2 0 0 beg end -1 -1 -1 -1 -1 -1 -1 4 5 6 7 8 9 10 11 12 13 14 15
                                                                                                                                                                                                              (0 - 80 column)
                                                                                                                                                                                                                                                                                         ဖ
                                                                                                                                                                                             output format
                                                                                                                                                                                                                                                                                                                                                                             then the entry on the command string)
                                                                                                                                                                                                                                                                                                                        user to enter the name of the delog) file up to 15 characters if the device is disk, if it is not disk
                                                                                                                                                                                                                                                                                       delog file name
(this requires the user to enter the)
                                                                                                                                                                                           delog listing device
                                                                                                                                                                                                           0 - line printer)
                                                                   log file device
dcpdlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                 should be \0
                                                                                    0 - floppy
1 - disk
                                                                                                                                                                                                                               (1 - CRT
(2 - disk
                                                                                                                                                                                                                                                                                            1
                                                                                                                                                                                                                                                                                          ហ
```

```
format same as parameter
                                                                                            format is ddd:hh:mm:ss.sss
                                                                                                                                                                                                                               parameter 11 is -1 then
                                                                                                               or the value end if not
                                                                                                                                                                                                                                                                                                        values are 0-7 if the user wants a) a specific window, if all windows )
                                                                                                                                                                                                                                                  the value here is -1
                                                                                                                                                                                                           9, if the value of
                                                                                                                                                                       - OI MUT1 start time
                                                                                                                                 delogging by time
                                                                                                                                                                                                                                                                                                                                              are needed the value is -1
                                                                          10 - stop time
                                 (1 - Alternate clock
                 (0 - GMT clock
                                                                                                                                                                                                                                                                                         - window number
                                                                                                                                                                       12
8 - delog clock
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   id, if all formats are required the)
value is -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                             if the user wants a specific format)
the value here will be the format )
                                                                                           (format is ddd:hh:mm:ss.sss or the value is beg if not delogging)
                                                                                                                                                                       delog by OI MUT1 time (1 - Yes)
                                                                                                                                                                                                                                                                                                                                                                                    -1 then the value)
                                                                                                                                                                                                                                                                                                                           parameter 10, if
                                                                                                                                                                                                                                                                                        OI MTU1 stop time
                                                                                                                                                                                                                                                                                                                                                                parameter 11 is
                                                                                                                                                                                                                                                                                                          format same as
                                                                                                                                                                                                                                                                                                                                               the value of
 delog by time
                                                                                                                                                                                                                                                                                                                                                                                                       here is -1
                                                                           start time
                                                                                                                                                                                                                                                                                                                                                                                                                                              format id
                                                                                                                                                                                                           -1 - No
                  \begin{array}{ccc} (0 - No) \\ (1 - Yes) \end{array}
                                                                                                                                   by time.
                                                                              ı
                                                                                                                                                                                                                                                                                        13
                                                                                                                                                                                                                                                                                                                                                                                                                                              15
                                                                                                                                                                        H
                                                                            σ
```

```
status delog session, and delog only health
                                                                                                         delog by time the
The health and status delog request command
                                                                                                                                          originating
                                                                                                                           time,
                                                                                                                                                                                          health and status. the message types are
                                                                                             device
                                                              name,
                                                                                                                                                                                                                                                                                                                                                                                                                                     og file device
                to enter a health
                                                                              the format for
                                                                                                                                                         delog
                                                                                                                                                                        classified
                                                                                                                           start, stop
                                                                                                                                                                                                                                                                                           Operating System status messages
                                                                                                                                                                                                                                                                                                                                                                                                                                                  - floppy
                                                             log file
                                                                                            the delog file name if
                                                                                                                                                        will
                                                                                                                                          and
                                                                                                                                                                                                                                                                                                                                        Acknowledgement messages
                                                                                                                                                                        message types which are
                                                                                                                                                          command
                                                                                                                                                                                                       1. Initialization messages
                                                                                                                                                                                                                                                       General status messages
                                                                                                                                                                                                                                                                                                                        Configuration messages
                                                                                                                                         originating application
                                                                                                       the delog format,
                                                                                                                                                                                                                                                                                                           Queue status messages
                                                                                                                                                                                                                                                                                                                                                                     Verification messages
                                                                                                                            the
                                                                            listing device,
                                                             for log file device,
                                                                                                                                                                                                                                                                       Interface messages
                allow the user
                                                                                                                                                                                                                       Advisory messages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              og listing device
                                                                                                                                                                                                                                                                                                                                                       Restart messages
                                                                                                                                                                                                                                                                                                                                                                                                     Process messages
                                                                                                                                                                                                                                       Error messages
                                                                                                                                                                                                                                                                                                                                                                                     Test messages
                                                                                                                                                         This
                                                                                                                          clock,
                                                                                                                                                            process.
                                                                                           delog,
                                                                             delog
                                                                                                          disk,
                                                                                                                            delod
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  A-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         then the value here is \0
25. hsdlogrequest (hsdlogreq)
                                                                                                                                                                                                                                                                                                                                                                                                                                  delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (being delogged )
(up to 15 chars )
(if the value of <sub>1</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              the user to
                                                                                                                                                                                                                                                                                                                                                                                                                                hsdlogreq 2 log1
                                                                                                                                                                                                                                                                                                                                                                                                  Example:
```

```
is beg if not delogging)
                                         file up to 15 characters if the ) device is disk, if it is not disk ) then the entry on the command string)
             requires the user to enter the)
to enter the name of the delog)
                                                                                                                                                                                                                                                                                          11 - originating application
                                                                                                                                                                                                                                  format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                                                                                                                                                              -1 all applications)
                                                                                                                                                                                                                                                                                                                                                ancillary
                                                                                                                                                                                                                                                                                                                      (checkout
(ndd
                                                                                                                                                                                                                                                                                                         support
                                                                                                           - delog by time
(0 - No )
(1 - Yes )
  file name
                                                                                                                                                                                                                                                the value
                                                                                                                                                                                                                     start time
                                                                                      should be \0
                                                                                                                                                                                                                                                              by time.
                                                                                                                                                                                                                       ı
                                                                                                                                                                                                                                                                                                                    the value end if not delogging
                                                                                                                                                                                                                     σ
                                                                                                                                                                                                                                                                                                      format is ddd:hh:mm:ss.sss
 S
                                                                                                                                          ascii dump
predefined format
                                                                                                                                                                                                                                              1 - Alternate clock
                                                                                                                                                                                                                                                                                                                                                                                       - originating process
                                                                                                                                                                         headers only
                                                                                                                                                                                       summary only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            data generator
                         - 132 column)
             (0 - 80 column
(1 - 132 column
                                                                                                                                                                                                                               0 - GMT clock
output format
                                                                                                                             - hex dump
                                                                                                                                                                                                                                                                                                                                                                                                     health stat
                                                                                                                  delog format
                                                                                                                                                                                                                   delog clock
                                                                                                                                                                                                                                                                                                                                                                                                                                             ancillary
                                                                                                                                                                                                                                                                                        stop time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      scriptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Delogger
                                                                                                                                                                                                                                                                                                                                                                                                                (user if
                                                                                                                                                                                                                                                                                                                                   by time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        score
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ndd
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and delog
                                                                   pe
                                              only health and status data type which are
                                                                                file
   request
                                                                                prompted for log file device, log file name, the delog listing device, the format
                                                                                                                                 device is disk, the delog format, delog by
                                                                                                                                                 time the delog clock, the start, stop time,
                                                                                                                                                                 and originating
                   enter
                                                                                                                    name
                                                                                                                                                                                                                                log file device
                                                                 will
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             then the entry on the command string]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             user to enter the name of the delog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            file up to 15 characters if the device is disk, if it is not disk
                                                                                                                                                                                                                                                0 - floppy
health and status delog one
                                                                                                                the delog file
                            nealth and status delog session,
               allow the user
                                                                  messages.
                                                                                                                                                               application
                                                                                                                                                                                                                                                                                               listing device
                                                                                                                                                                                                                                                                                                                 line printer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              - delog by time
                                                                                                              for the delog,
                                                                                                                                                                                                                                                                                                                                                                                                                                                              delog file name
                                                                initialization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             should be \0
                command will
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             - Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (0 - No)
                                                                                                                                                               originating
                                                                                                                                                                                process.
                                                                                                                                                                                                                                                                                                                               - CRT
                                                                                                                                                                                                                                                                                                                                                                                                               1 is 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A-85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ı
26. hsldlogreguest (hsldlogreg)
                                                                                                                                                                                                                                                                                                                                                                                                                parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                               വ
                                                                                                                                                                                                                                                                                                                                                                                                                             then the value here is \0
                                                                                                                                                                                                                                 delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              predefined format
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           headers only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              summary only
                                                                                                                                                                                                                                                                                                                                                             of the log file;
                                                                                                                                                                                                                                                                                                                                                                                                              if the value of
                                                                                                                                                                                                                                                                                                                                             enter the name)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (0 - 80 column )
(1 - 132 column)
                                                                                                                                                                                                                                                                                                                                                                                          up to 15 chars
                                                                                                                                                                                                                                                                                                                                                                             being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ascii dump
                                                                                                                                                                                                                                                                                                              this requires
                                                                                                                                                                                                                                                                                                log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              - hex dump
                                                                                                                                                                                                                                                                                                                                                                                                                                                            output format
                                                                                                                                                                                                                                                                                                                              the user to
                                                                                                                                                                                                                            hsdlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             delog format
                                                                                                                                                                                                 Example:
                                                                                                                                                                                                                                                                                                  ı
                                                                                                                                                                                                                                                                                                ~
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```

```
(format is ddd:hh:mm:ss.ss or (the value is beg if not delogging) (by time.
                                                               11 - originating application
                                                                                                                               -l all applications)
                                                                                                                  ancillary
                                                                           (support
(checkout
(ndd
 start time
                                                             10 - stop time
  (format is ddd:hh:mm:ss.sss or
  (the value end if not delogging
 σ
delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                       originating process
                                                                                                                                                                                                                                    data generator scriptor
                                                                                                                                                                   (health stat
(user if
(lan if
(ancīllary
                                                                                                                                                                                                                                                                         Delogger
                                                                                                     by time
                                                                                                                                                                                                                                                              score
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                                                                                                                                                          ı
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```
and delog
                                                  are
                                                                                                                the
                                                                                                                                               originating
  request
                                                              advisory messages. He will be prompted for
                                                                                the delog
                                                                                                the format for the delog,
                                                                                                                              the delog
                                                                                                                                                                                                            - log file device
                                                 only health and status data type which
                                                                                                              the delog file name if device is disk,
                                                                                                                                                               application and originating process.
                                                                                                                                                                                                                             (0 - floppy
(2 - disk
(hs2dlogreg) The health and status delog two
                 allow the user to
                               health and status delog session,
                                                                               log file name,
                                                                                                                               by time
                                                                                                                                             time,
                                                                                                                                               the start, stop
                                                                                                                               delog format, delog
                                                                                                                                                                                                                                                                           elog listing device
                                                                                                                                                                                                                                                                                           - line printer)
                                                                                log file device,
                                                                                                listing device,
                command will
                                                                                                                                                                                                                                                                                                                            - disk
                                                                                                                                                 clock,
                                                                                                                                                                                                                delogl
                                                                                                                                                                                                                                                                                                                                             of the log file
                                                                                                                                                                                                                                                                                                                             enter the name)
                                                                                                                                                                                                                                                                                                                                                          being delögged
   hs2dlogrequest
                                                                                                                                                                                                                                                                                            this requires
                                                                                                                                                                                                                                                                             log file name
                                                                                                                                                                                                                                                                                                             the user to
                                                                                                                                                                                                                2 log1
                                                                                                                                                                                                                hsdlogreg
                                                                                                                                                                                 Example:
   27.
                                                                                                                                                                                                                                                                               ~
```

up to 15 chars )
if the value of parameter 1
then the value here is \0

```
is beg if not delogging)
                                                                     then the entry on the command string)
                      user to enter the name of the delog)
(file up to 15 characters if the )
device is disk, if it is not disk )
            (this requires the user to enter the)
                                                                                                                                                                                                                                                                                            - originating application
                                                                                                                                                                                                                                   format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                                                                                                                                                                 -1 all applications)
                                                                                                                                                                                                                                                                                                                                                    ancillary
                                                                                                                                                                                                                                                                                                                         checkout
                                                                                                                                                                                                                                                                                                            support
                                                                                                                                                                                                                                                                                                                                      , ndd
                                                                                                                - delog by time (0 - No ) (1 - Yes )
delog file name
                                                                                                                                                                                                                                                  the value
                                                                                                                                                                                                                     start time
                                                                                    should be \0
                                                                                                                                                                                                                                                               by time.
                                                                                                                                                                                                                                                                                             11
                                                                                                                                                                                                                        ı
                                                                                                                                                                                                                                                                                                              or
                                                                                                                                                                                                                                                                                                                         the value end if not delogging
                                                                                                                                                                                                                      σ
                                                                                                                                                                                                                                                                                                          format is ddd:hh:mm:ss.sss
  ı
S
                                                                                                                                          ascii dump
predefined format
                                                                                                                                                                                                                                   (0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                                                                                                                                                                                                originating process (health stat )
                                                                                                                                                                         headers only summary only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     data_generator
output format
(0 - 80 column)
(1 - 132 column)
                                                                                                                               - hex dump
                                                                                                                  delog format
                                                                                                                                                                                                                      delog clock
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ancillary
                                                                                                                                                                                                                                                                                            10 - stop time
                                                                                                                                                                                                                                                                                                                                                                                                                         (user i<u>f</u>
(lan if
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Delogger
                                                                                                                                                                                                                                                                                                                                       (by time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ndd
                                                                                                                                                                                                                                                                                                                                                                                                 12
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                                                                                                                   9
```

```
for
         request
                                         and delog
                                                                                       log file device, log file name, the delog
listing device, the format for the delog,
                                                                                                                                               the delog
                                                                                                                                                             clock, the start, stop time, originating
                          enter
                                                                                                                                                                                                                                      - log file device
                                                                        He will be prompted
                                                     only health and status data type which
                                                                                                                           the delog file name if device is disk,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        then the entry on the command string
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  user to enter the name of the delog)
                                                                                                                                                                              application and originating process.
                                                                                                                                                                                                                                                      (0 - floppy
(2 - disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   device is disk, if it is not disk
(hs3dlogreg) The health and status delog two
                        the user to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    file up to 15 characters if the
                                  health and status delog session,
                                                                                                                                                by time
                                                                                                                                             delog format, delog
                       allow
                                                                                                                                                                                                                                                                                                                                                                   delog listing device
                                                                       error messages.
                                                                                                                                                                                                                                                                                                                                                                                   0 - line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                delog file name
(this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        should be \0
                     command will
                                                                                                                                                                                                                                                                                                                                                                                                     - CRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              then the value here is \0
                                                                                                                                                                                                                                 0 delog1 3 4 5 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          up to 15 chars ) if the value of
                                                                                                                                                                                                                                                                                                                                                                                                                                        of the log file
hs3dlogreguest
                                                                                                                                                                                                                                                                                                                                                                                                                        enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 - 132 column
                                                                                                                                                                                                                                                                                                                                                                                                                                                         being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (0 - 80 column
                                                                                                                                                                                                                                                                                                                                                                                   (this requires
                                                                                                                                                                                                                              hs3dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              output format
                                                                                                                                                                                                                                                                                                                                                                  - log file name
                                                                                                                                                                                                                                                                                                                                                                                                       the user to
                                                                                                                                                                                              Example:
 28.
```

```
the value is beg if not delogging
                                                                                                                                                       11 - originating application
                                                                                                    format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                   -1 all applications)
                                                                                                                                                                                                        ancillary
                                                                                                                                                                               checkout
                                                                                                                                                                    support
                                                                                                                                                                                           ndd
delog by time (0 - No )
                                                                                        start time
                                                                                                                              by time.
                                                                                         ا
6
                                                                                                                                                                  (format is ddd:hh:mm:ss.sss or the value end if not delogging
                       ascii dumppredefined format
                                                                                       delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                                              - originating process
                                                   headers only
                                                                summary only
                                                                                                                                                                                                                                                                                                                        data generator scriptor
                                                                                                                                                                                                                                                         (health stat
(user if
(lan if
(ancillary
             0 - hex dump
 delog format
                                                                                                                                                      stop time
                                                                                                                                                                                                                                                                                                                                                              Delogger
                                                                                                                                                                                            (by time
                                                                                                                                                                                                                                                                                                                                                  score
                                                                                                                                                                                                                                                                                                            ppu
                                                                                                                                                       10 -
                                                                                                                                                                                                                                               12
  9
                                                                                          ω
```

```
time the delog clock, the start, stop time,
                                     and delog
                                                                                    log file
                                                  only health and status data type which are
 (hs4dlogreg) The health and status delog four request
                                                                                                     the delog listing device, the format
                       to enter
                                                                                                                                                                                                                                                     log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           then the entry on the command string)
                                                                      will
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          to enter the name of the delog
                                                                                                                                                                                                                                                                   - floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        device is disk, if it is not disk
                                                                                                                               for the delog, the delog file device is disk, the delog format,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         file up to 15 characters if the
                                 health and status delog session,
                                                                                    prompted for log file device,
                  allow the user
                                                                                                                                                                                    and
                                                                     messages.
                                                                                                                                                                                  application
                                                                                                                                                                                                                                                                                                                   listing device
                                                                                                                                                                                                                                                                                                                                   line printer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         delog file name
                                                                     status
                  command will
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          should be \0
                                                                                                                                                                                  originating
                                                                                                                                                                                                                                                                                                                                                   CRT
                                                                      qeneral
                                                                                                                                                                                                    process.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (this
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          user
                                                                                                                                                                                                                                                                                                                                                                                                                                       is 0)
                                                                                                                                                                                                                                                                                                                                                                                                                                         parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ហ
                                                                                                                                                                                                                                                                                                                                                                                                                                                     then the value here is \0
                                                                                                                                                                                                                                                  delogl
                                                                                                                                                                                                                                                                                                                                                                                                                 up to 15 chars ) if the value of
                                                                                                                                                                                                                                                                                                                                                                                   of the log file;
                                                                                                                                                                                                                                                                                                                                                                  enter the name
hs4dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       132 column
                                                                                                                                                                                                                                                                                                                                                                                                  being delogged
                                                                                                                                                                                                                                                                                                                                 (this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0 - 80 column
                                                                                                                                                                                                                                                                                                                 log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     output format
                                                                                                                                                                                                                                                                                                                                                   the user to
                                                                                                                                                                                                                                                 hs3dlogreq 2 logl
                                                                                                                                                                                                                  Example:
                                                                                                                                                                                                                                                                                                                    1
 29.
```

```
the value is beg if not delogging
                                                                                                                                                     11 - originating application
                                                                                                   format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                     ancillary
-1 all applications)
                                                                                                                                                                  (support
(checkout
(ndd
delog by time
                                                                                        start time
                                                                                                                           (by time.
             (0 - No)
                                                                                        1
                                                                                                                                                                  (format is ddd:hh:mm:ss.sss or the value end if not delogging
             0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                                                  (1 - Alternate clock
                                                                                                                                                                                                                                                                             originating process
                                                  headers onlysummary only
                                                                                         delog clock
(0 - GMT clock
                                                                                                                                                                                                                                                                                        (health stat
(user if
(lan if
(ancillary
   delog format
                                                                                                                                                       stop time
                                                                                                                                                                                             (by time
                                                                                                                                                                                                                                                                                                                                           ndd
                                                                                                                                                      10 -
                                                                                                                                                                                                                                                                             12
                                                                                           ω
    9
```

data\_generator scriptor

Delogger

score

```
five request
                                    and delog
                                                  only health and status data type which are
                                                                                   prompted for log file device, log file name, the delog listing device, the format
                                                                                                                                                          the start, stop time,
                                                                                                                                                                            originating
                       enter
                                                                                                                                                                                                                                             log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          this requires the user to enter the)
                                                                                                                                                                                                                                                             - floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         file up to 15 characters if the device is disk, if it is not disk
                                                                                                                                      device is disk, the delog format,
                                                                                                                        delog file
                                health and status delog session,
                                                                    He will
(hs5dlogreg) The health and status delog
                  allow the user
                                                                                                                                                                            and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         user to enter the name of
                                                                                                                                                                        application
                                                                                                                                                          time the delog clock,
                                                                                                                                                                                                                                                                                                              elog listing device
                                                                   interface messages.
                                                                                                                      delog,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               - delog by time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             should be \0
                  command will
                                                                                                                                                                       originating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ON - 0)
                                                                                                                        for the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A-93
                                                                                                                                                                                                                                                                                                                                                                                                                                       parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                      then the value here is \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                predefined format
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                - headers only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     summary only
                                                                                                                                                                                                                                                                                                                                                                                                                   up to 15 chars ) if the value of
                                                                                                                                                                                                                                                                                                                                                                                  of the log file
                                                                                                                                                                                                                                                                                                                                                                                                 being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       132 column)
 hs5dlogrequest
                                                                                                                                                                                                                                                                                                                                                                  enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               - hex dump
- ascii dump
                                                                                                                                                                                                                                                                                                                                this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0 - 80 column
                                                                                                                                                                                                                                           hs5dlogreq 2 logl
                                                                                                                                                                                                                                                                                                               log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      output format
                                                                                                                                                                                                                                                                                                                                                 the user to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               delog format
                                                                                                                                                                                                           Example:
                                                                                                                                                                                                                                                                                                                  ~
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ဖ
```

```
start time (format is ddd:hh:mm:ss.sss or (the value is beg if not delogging)
                                                                11 - originating application
                                                                                                                             -1 all applications)
                                                                                                                (ancillary
                                                                          (support
(checkout
(ndd
                                      by time.
                                                              stop time
(format is ddd:hh:mm:ss.sss or
(the value end if not delogging
  σ
                        1 - Alternate clock
                                                                                                                                                       originating process
                                                                                                                                                                                                                                  data generator
delog clock
(0 - GMT clock
                                                                                                                                                                    health stat
                                                                                                                                                                             (user if
(lan if
(ancillary
                                                                                                                                                                                                                                                            (score
(Delogger
                                                                                                                                                                                                                                             scriptor
                                                                                                      by time
                                                                                                                                                                                                                    ndd
                                                                10 -
                                                                                                                                                      12
  ω
```

```
and delog
                                                         only health and status data type which are
                                                                                              be prompted for log file device, log file name, the delog listing device, the format
                                                                                               file
                                                                                                                                                      delog by
 The health and status delog six request
                                                                                                                                                                           time the delog clock, the start, stop time,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            user to enter the name of the delog
                                                                                                                                                                                                                                                                                           - floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               file up to 15 characters if the device is disk, if it is not disk
                                                                                                                                                        device is disk, the delog format,
                                                                                                                                     delog file
                                                                          operating system status messages.
be prompted for log file device,
                                  health and status delog session,
                    allow the user
                                                                                                                                                                                           application
                                                                                                                                                                                                                                                                                                                                                   elog listing device
                                                                                                                                                                                                                                                                                                                                                                       - line printer)
                                                                                                                                    delog,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          should be \0
                  will
                                                                                                                                                                                            originating
                                                                                                                                      the
                    command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     delog
                                                                                                                                      for
(hs6dlogreq)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             then the value here is \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        if the value of
                                                                                                                                                                                                                                                                                                                                                                                                                                 of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             - 132 column)
                                                                                                                                                                                                                                                                                                                                                                                                                                                   being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   up to 15 chars
                                                                                                                                                                                                                                                                                                                                                                                                              enter the name
 hs6dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (0 - 80 column
                                                                                                                                                                                                                                                                                                                                                                          this requires
                                                                                                                                                                                                                                                                           hs6dlogreq 2 log1
                                                                                                                                                                                                                                                                                                                                                       - log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      output format
                                                                                                                                                                                                                                                                                                                                                                                           the user to
                                                                                                                                                                                                                                      Example:
  31.
```

```
the value is beg if not delogging
                                                                                                                                           - originating application
                                                                                            format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                     (-1 all applications)
                                                                                                                                                                                         ancillary
                                                                                                                                                        (support
(checkout
                                                                                                                                                                               ndd
- delog by time
                                                                                  start time
                                                                                                                     by time.
                      - Yes
            ON - 0)
                                                                                                                                                         or
                                                                                                                                                                 the value end if not delogging
                                                                                  σ
                                                                                                                                                     format is ddd:hh:mm:ss.sss
                     - ascii dûmp
- predefined format
                                                                                                       - Alternate clock
                                                                                                                                                                                                                           originating process
                                              headers only summary only
                                                                                                                                                                                                                                                                                                 data_generator
scriptor
                                                                                            (0 - GMT clock
                                                                                                                                                                                                                                     (health stat
(user if
(lan_if
          - hex dump
delog format
                                                                                 - delog clock
                                                                                                                                                                                                                                                                       ancīllary
                                                                                                                                           stop time
                                                                                                                                                                                                                                                                                                                                   Delogger
                                                                                                                                                                            by time
                                                                                                                                                                                                                                                                                                                          score
                                                                                                                                                                                                                                                                                      ppu
 ı
                                                                                                                                           10
9
                                                                                 œ
```

32.

and delog only health and status data type file name if session, delog by originating be prompted for log file device, log file name, the delog listing device, the format time the delog clock, the start, stop time, user delog the for the delog, the delog file device is disk, the delog format, health and status delog which are queue status messages. status will allow application and command health originating The request process enter (hs7dlogreg) hs7dlogrequest

```
log file device
                                                                                                                                                                                                                                                                                                                                         then the entry on the command string)
                                                                                                                                                                                                                                                                  this requires the user to enter the)
                                                                                                                                                                                                                                                                                    user to enter the name of the delog)
            - floppy
                                                                                                                                                                                                                                                                                                    file up to 15 characters if the device is disk, if it is not disk
                                                                   elog listing device
                                                                                   - line printer
                                                                                                                                                                                                                                                  delog file name
                                                                                                                                                                                                                                                                                                                                                         should be \0
                                                                                                                                                                                              is 0)
                                                                                                                                                                                                parameter l
                                                                                                                                                                                                              then the value here is \0
   delogl
                                                                                                                                                                           up to 15 chars if the value of
                                                                                                                                          of the log file
                                                                                                                                                                                                                                                                   0 - 80 column )
                                                                                                                                                                                                                                                                                    - 132 column)
                                                                                                                         enter the name
                                                                                                                                                           being delogged
                                                                                    this requires
                                                                                                                                                                                                                                                 output format
                                                                    log file name
                                                                                                       the user to
 hs7dlogreq 2 logl
                                                                     ~
```

```
is beg if not delogging)
                                                                                                                                             originating application
                                                                                             format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                       -1 all applications)
                                                                                                                                                                                           ancillary
                                                                                                                                                         (support
(checkout
                                                                                                                                                                                ndd
delog by time
                                                                                                         the value
                                                                                   start time
                                                                                                                       by time.
                       - Yes
           (0 - No)
                                                                                                                                                                    the value end if not delogging
                                                                                   σ
                                                                                                                                                         format is ddd:hh:mm:ss.sss
           0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                   delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                               12 - originating process
                                               - headers only
                                                           summary only
                                                                                                                                                                                                                                                                                                      data_generator
scriptor
                                                                                                                                                                                                                                           health stat
delog format
                                                                                                                                                                                                                                                                             ancillary
                                                                                                                                              stop time
                                                                                                                                                                                                                                                                                                                                        Delogger
                                                                                                                                                                                                                                                     (user if
                                                                                                                                                                                (by time
                                                                                                                                                                                                                                                                                                                               score
                                                                                                                                                                                                                                                                                           ndd
                                                                                                                                              10 -
                                                                                      1
  9
                                                                                    ω
```

```
log file
                                                                                                                           delog by
                                  session,
                                                                                             the delog listing device, the format
                                                                                                                                                             originating
                                                                                                                                            time the delog clock, the start, stop time,
                                                                                                                                                                                                                          og file device
                                                                                                               name
                                              and delog only health and status data
                                                                                                                                                                                                                                                                                                                                                                                                                                                               this requires the user to enter the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             user to enter the name of the delog
 delog
                                                                                                                                                                                                                                          0 - floppy
                                                                                                            for the delog, the delog file device is disk, the delog format,
                  the
                              health and status delog
                                                               which are configuration messages.
                                                                             be prompted for log file device,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              file up to 15 characters if the
                                                                                                                                                             and
   status
                will allow
                                                                                                                                                           application
  and
                                                                                                                                                                                                                                                                                     delog listing device
                                                                                                                                                                                                                                                                                                   0 - line printer)
                  command
                                                                                                                                                                                                                                                                                                                                                                                                                                                delog file name
 health
                                                                                                                                                          originating
                                                                                                                                                                           process.
                  request
                                  enter
                                                                                               name,
                                                                                                                                                                                                                                                                                                                                                                                                    1.5
(hs8dlogreg)
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ı
                                                                                                                                                                                                                                                                                                                                                                                                                                                ഹ
                                                                                                                                                                                                                                                                                                                                                                                                   parameter
                                                                                                                                                                                                                                                                                                                                                                                                                 then the value here is \0
                                                                                                                                                                                                                          delogl
                                                                                                                                                                                                                                                                                                                                                                                                 if the value of
                                                                                                                                                                                                                                                                                                                                                  of the log file
                                                                                                                                                                                                                                                                                                                                                                               up to 15 chars
                                                                                                                                                                                                                                                                                                                                  enter the name)
                                                                                                                                                                                                                                                                                                                                                                  being delogged
hs8dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             132 column
                                                                                                                                                                                                                                                                                                  this requires
                                                                                                                                                                                                                                                                                                                                                                                                                                                              (0 - 80 column
                                                                                                                                                                                                                                                                                    log file name
                                                                                                                                                                                                                        hs8dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                                                                              output format
                                                                                                                                                                                                                                                                                                                    the user to
                                                                                                                                                                                            Example:
33.
                                                                                                                                                                                                                                                                                        ı
                                                                                                                                                                                                                                                                                     2
```

then the entry on the command string)

should be \0

device is disk, if it is not disk

```
the value is beg if not delogging
                                                                                                                                                 - originating application
                                                                                                format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                ancillary (-1 all applications)
                                                                                                                                                              (support
(checkout
                                                                                                                                                                                      ppu
- delog by time
                                                                                    start time
                                                                                                                         by time.
                       (1 - Yes
                                                                                                                                                  IJ
                                                                                       ı
                                                                                                                                                           (format is ddd:hh:mm:ss.sss or the value end if not delogging
                                                                                     σ
                       ascii dumppredefined format
                                                                                    delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                                                          originating process
                                               - headers only
- summary only
                                                                                                                                                                                                                                                                                                                                   data_generator
scriptor
                                                                                                                                                                                                                                                                     (health stat
(user i<u>f</u>
(lan if
            - hex dump
- delog format
                                                                                                                                                                                                                                                                                                        ancillary
                                                                                                                                                stop time
                                                                                                                                                                                                                                                                                                                                                                      Delogger
                                                                                                                                                                                    by time
                                                                                                                                                                                                                                                                                                                                                            score
                                                                                                                                                                                                                                                                                                                       ndd
                                                                                                                                                10
                                                                                                                                                                                                                                                          12
9
                                                                                     ω
```

```
and delog
                                                   only health and status data type which are
                                                                                       prompted for log file device, log file name, the delog listing device, the format
(hs9dlogreg) The health and status delog nine request
                                                                                                                                            delog by
                                                                                                                                                                                originating
                                                                                                                                                            time the delog clock, the start, stop time,
                     enter
                                                                                                                              name
                                                                                                                                                                                                                                                   log file device
                                                                        will
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    this requires the user to enter the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      user to enter the name of the delog
file up to 15 characters if the
                                                                                                                                                                                                                                                                  0 - floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         device is disk, if it is not disk
                                                                                                                        the delog file
                                                                                                                                          device is disk, the delog format,
                                health and status delog session,
                                                                                                                                                                                and
                  allow the user
                                                                        messages.
                                                                                                                                                                            application
                                                                                                                                                                                                                                                                                                                     delog listing device
                                                                                                                                                                                                                                                                                                                                     0 - line printer
                                                                                                                      for the delog,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    delog file name
                                                                      acknowledgement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            should be \0
                  command will
                                                                                                                                                                            originating
                                                                                                                                                                                                                                                                                                                                                          - CRT
                                                                                                                                                                                               process.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ı
                                                                                                                                                                                                                                                                                                                                                                                                                                                 parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ഹ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 then the value here is \0
                                                                                                                                                                                                                                                   0 delogl
                                                                                                                                                                                                                                                                                                                                                                                           of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                          up to 15 chars
if the value of
                                                                                                                                                                                                                                                                                                                                                                           enter the name
                                                                                                                                                                                                                                                                                                                                                                                                            being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     - 132 column)
hs9dlogreguest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (0 - 80 column
                                                                                                                                                                                                                                                                                                                                       this requires
                                                                                                                                                                                                                                                 hs9dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                      - log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   output format
                                                                                                                                                                                                                                                                                                                                                          the user to
                                                                                                                                                                                                                 Example:
 34.
                                                                                                                                                                                                                                                                                                                        ~
```

```
(format is ddd:hh:mm:ss.sss or (the value is beg if not delogging)
                                                                                                                                                                               originating application
                                                                                                                                                                                                                            (ancillary
(-1 all applications)
                                                                                                                                                                                           (support
(checkout
                                                                                                                                                                                                                  ndd
- delog by time
                                                                                                                     start time
                                                                                                                                                        by time.
                      - Yes
           (0 - No)
                                                                                                                                                                               11
                                                                                                                                                                                          format is ddd:hh:mm:ss.sss or
the value end if not delogging
                                                                                                                     σ
                     ascii dump
predefined format
                                                                                                                                            - Alternate clock
                                                                                                                                                                                                                                                                 originating process
                                               headers only
                                                           summary only
                                                                                                                                                                                                                                                                                                                                       data generator
                                                                                                                               0 - GMT clock
                                                                                                                                                                                                                                                                          (health stat
(user if
(lan if
(ancillary
          0 - hex dump
delog format
                                                                                                                     delog clock
                                                                                                                                                                               stop time
                                                                                                                                                                                                                                                                                                                                                   scriptor
                                                                                                                                                                                                                                                                                                                                                                          Delogger
                                                                                                                                                                                                                  by time
                                                                                                                                                                                                                                                                                                                                                               score
                                                                                                                                                                                                                                                                                                                           ndd
                                                                                                                                                                                                                                                                   ı
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                                                                                                                                                                               10
                                                                                                                                                                                                                                                                 12
9
                                                                                                                     ω
```

```
prompted for log file device, log file name, the delog listing device, the format
                                                   and delog only health and status data type
                                                                                                                                        delog by
                                                                                                                                                                             originating
                                    session,
                                                                                                                                                        time the delog clock, the start, stop time,
                                                                                                                                                                                                                                                log file device
                                                                                                                         name
                                                                   will
                    user
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    this requires the user to enter the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    user to enter the name of the delog)
                                                                                                                                                                                                                                                                - floppy
  delog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      device is disk, if it is not disk
                                                                                                                       delog file
                                                                                                                                        device is disk, the delog format,
                 allow the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    file up to 15 characters if the
                                 enter a health and status delog
  status
                                                                                                                                                                           originating application and
                                                                     which are restart messages.
                 will
                                                                                                                      for the delog, the
and
                                                                                                                                                                                                                                                                                                                     lelog listing device
                                                                                                                                                                                                                                                                                                                                    line printer)
 The health
                 command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          should be \0
                                                                                                                                                                                              process.
                   request
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 delog
 (hsl0dlogreg)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
                                                                                                                                                                                                                                                                                                                                                                                                                           up to 15 chars )
if the value of parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                             then the value here is \0
                                                                                                                                                                                                                                                  0 delogl
                                                                                                                                                                                                                                                                                                                                                                                          of the log file
  hs10dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   - 132 column)
                                                                                                                                                                                                                                                                                                                                                                       enter the name
                                                                                                                                                                                                                                                                                                                                                                                                          being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0 - 80 column
                                                                                                                                                                                                                                                                                                                                     this requires
                                                                                                                                                                                                                                             hsl0dlogreq 2 logl
                                                                                                                                                                                                                                                                                                                     log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   output format
                                                                                                                                                                                                                                                                                                                                                       the user to
                                                                                                                                                                                                                Example:
                                                                                                                                                                                                                                                                                                                         ı
  35.
                                                                                                                                                                                                                                                                                                                       ~
```

```
the value is beg if not delogging)
                                                                                                                                         11 - originating application
                                                                                           format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                   -1 all applications)
                                                                                                                                                                                        ancillary
                                                                                                                                                    (support
(checkout
(ndd
delog by time
                                                                                start time
                                                                                                                   by time.
          (0 - No)
                                                                                   1
                                                                                                                                                                  the value end if not delogging
                                                                                  σ
                                                                                                                                                      format is ddd:hh:mm:ss.sss
           0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                  delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                             originating process
                                              headers only
                                                           summary only
                                                                                                                                                                                                                                                                                                   data_generator
scriptor
                                                                                                                                                                                                                                         health stat
  delog format
                                                                                                                                                                                                                                                                          ancillary
                                                                                                                                            stop time
                                                                                                                                                                                                                                                                                                                                    Delogger
                                                                                                                                                                                                                                                  (user if
(lan if
                                                                                                                                                                              (by time
                                                                                                                                                                                                                                                                                                                          score
                                                                                                                                                                                                                                                                                       ndd
                                                                                                                                               1
                                                                                     ١
                                                                                                                                             10
                                                                                                                                                                                                                              12
                                                                                    ω
  9
```

eleven session, and delog only health and status data type log file delog by the delog listing device, the format time the delog clock, the start, stop time, originating for the delog, the delog file name delog command will allow the a health and status delog device is disk, the delog format, be prompted for log file device, which are verification messages. and status application and health originating process. request The (hslldlogreg) 36. hslldlogrequest

```
log file device
                                                                                                                                                                                                                                                                                                                  then the entry on the command string
                                                                                                                                                                                                                                                                user to enter the name of the delog)
                                                                                                                                                                                                                                                 this requires the user to enter the
               0 - floppy
                                                                                                                                                                                                                                                                                                device is disk, if it is not disk
                                                                                                                                                                                                                                                                               file up to 15 characters if the
                                                               listing device
                                                                               line printer)
                                                                                                                                                                                                                                file name
                                                                                                                                                                                                                                                                                                                                 should be \0
                                                                                                                                                                                                                              delog
                                                                                                                                                                                    .
1
                                                                                                                                                                                                                                    ı
                                                                                                                                                                                   parameter
                                                                                                                                                                                                                                  ហ
                                                                                                                                                                                                 then the value here is \0
0 delog1
                                                                                                                                                                                  if the value of
                                                                                                                                of the log file
                                                                                                                                                               up to 15 chars
                                                                                                                                                                                                                                                                 - 132 column)
                                                                                                                enter the name
                                                                                                                                                being delogged
                                                                                                                                                                                                                                                  (0 - 80 column
                                                                               this requires
 hslldlogreq 2 logl
                                                                 log file name
                                                                                                                                                                                                                                 output format
                                                                                                the user to
                                                                                                                                                                                                                                      Į
                                                                  ~
```

```
the value is beg if not delogging
                                                                                                                                                     originating application
                                                                                                   format is ddd:hh:mm:ss.sss or
                                                                                                                                                                                                                 -l all applications)
                                                                                                                                                                                                     ancillary
                                                                                                                                                                  (support
(checkout
                                                                                                                                                                                         ndd
delog by time
                                                                                      start time
                                                                                                                           (by time.
            (0 - No)
                                                                                                                                                                 (format is ddd:hh:mm:ss.sss or the value end if not delogging
                                                                                        σ
             0 - hex dump
1 - ascii dump
2 - predefined format
                                                                                      delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                                                                                                                             originating process
                                                   headers only
summary only
                                                                                                                                                                                                                                                                                                                       data generator scriptor
                                                                                                                                                                                                                                                        health stat
   delog format
                                                                                                                                                                                                                                                                  (user if
(lan if
(ancillary
                                                                                                                                                     stop time
                                                                                                                                                                                                                                                                                                                                                          Delogger
                                                                                                                                                                                            by time
                                                                                                                                                                                                                                                                                                                                                score
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```

```
prompted for log file device, log file name, the delog listing device, the format
  twelve
                                    session
                                                                                                                              name if
                                                                                                                                            delog by
                                                                                                                                                                                  originating
                                                                                                                                                               time the delog clock, the start, stop time,
                                                                                                                                                                                                                                                       log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      then the entry on the command string
                                                     and delog only health and status data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               user to enter the name of the delog
file up to 15 characters if the
                                                                                                                                                                                                                                                                       0 - floppy
delog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  device is disk, if it is not disk
                 the
                                                                        He
                                    health and status delog
                                                                                                                              for the delog, the delog file
                                                                                                                                              device is disk, the delog format,
                   will allow
                                                                                                                                                                                application and
   status
                                                                        which are test messages.
 and
                                                                                                                                                                                                                                                                                                                          og listing device
                   command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              delog file name
 health
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        should be \0
                                                                                                                                                                                originating
                                                                                                                                                                                                    process.
                    request
  (hsl2dlogreg)
                                                                                                                                                                                                                                                                                                                                                                                                                                    up to 15 chars )
if the value of parameter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          then the value here is \0
                                                                                                                                                                                                                                                         delogl
                                                                                                                                                                                                                                                                                                                                                                                                   of the log file
  37. hsl2dlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 - 132 column
                                                                                                                                                                                                                                                                                                                                                                                  enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                      being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0 - 80 column
                                                                                                                                                                                                                                                                                                                                              this requires
                                                                                                                                                                                                                                                          hsl2dlogreq 2 log1
                                                                                                                                                                                                                                                                                                                              log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             output format
                                                                                                                                                                                                                                                                                                                                                                  the user to
                                                                                                                                                                                                                        Example:
                                                                                                                                                                                                                                                                                                                               ~
```

```
(format is ddd:hh:mm:ss.sss or (the value is beg if not delogging)
                                                                                                                                                    11 - originating application
                                                                                                                                                                                                                   -l all applications)
                                                                                                                                                                                                      ancillary
                                                                                                                                                                  (support
(checkout
                                                                                                                                                                                          ndd
delog by time
                                                                                      start time
                                                                                                                            (by time.
                         - Yes
                                                                                          ı
                                                                                                                                                                     or
                                                                                                                                                                               the value end if not delogging
                                                                                         σ
                                                                                                                                                       10 - stop time
  (format is ddd:hh:mm:ss.sss
                        ascii dumppredefined format
                                                                                                                 1 - Alternate clock
                                                                                                                                                                                                                                                                                     originating process
                                                   headers onlysummary only
                                                                                                                                                                                                                                                                                               (health stat
(user if
(lan If
                                                                                                      (0 - GMT clock
              0 - hex dump
   delog format
                                                                                         delog clock
                                                                                                                                                                                               (by time
      i
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data\_generator scriptor

Delogger

score

ancillary

ndd

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109
                                                                                                          the
                                                   and delog only health and status data type
                                                                                                                                            delog
                                                                                                                                                             by time the delog clock, the start, stop
                                     session,
                                                                                                                              name
                                                                                                                                                                                                                                                  log file device
                    user
                                                                      which are process termination messages.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              then the entry on the command string)
                                                                                      will be prompted for log file device, file name, the delog listing device,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         user to enter the name of the delog
file up to 15 characters if the
                                                                                                                           format for the delog, the delog file
                                                                                                                                                                                                                                                                     (0 - floppy
(2 - disk
                                                                                                                                         if device is disk, the delog format,
                                                                                                                                                                            application
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          device is disk, if it is not disk
                  command will allow the
                                   delog
delog
                                    a health and status
  health and status
                                                                                                                                                                              originating
                                                                                                                                                                                                originating process.
                                                                                                                                                                                                                                                                                                                       og listing device
                                                                                                                                                                                                                                                                                                                                          line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       delog file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               should be \0
                                                                                                                                                                                                                                                                                                                                                          CRT
                    request
                                      enter
                                                                                                                                                                                                                                                                                                                                                                                                                                                   is 0)
  hs13dlogrequest (hs13dlogreq)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ı
                                                                                                                                                                                                                                                                                                                                                                                                                                                     parameter l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ഗ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    then the value here is \0
                                                                                                                                                                                                                                                     delogl
                                                                                                                                                                                                                                                                                                                                                                                               of the log file
                                                                                                                                                                                                                                                                                                                                                                                                                               up to 15 chars if the value of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (1 - 132 column)
                                                                                                                                                                                                                                                                                                                                                                               enter the name
                                                                                                                                                                                                                                                                                                                                                                                                                being delogged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0 - 80 column
                                                                                                                                                                                                                                                                                                                                           this requires
                                                                                                                                                                                                                                                      hsl3dlogreg 2 logl
                                                                                                                                                                                                                                                                                                                         log file name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      output format
                                                                                                                                                                                                                                                                                                                                                             the user to
                                                                                                                                                                                                                    Example:
  38.
                                                                                                                                                                                                                                                                                                                             ı
                                                                                                                                                                                                                                                                                                                           ~
```

```
format is ddd:hh:mm:ss.ss or the value is beg if not delogging)
                                                                                                                                                                                    11 - originating application
                                                                                                                                                                                                                                               -l all applications)
                                                                                                                                                                                                                                    ancillary
                                                                                                                                                                                                            (checkout
(ndd
                                                                                                                                                                                                support
7 - delog by time
                                                                                                                        start time
                                                                                                                                                            by time.
                        1 - Yes
                                                                                                                                                                                                format is ddd:hh:mm:ss.sss or
the value end if not delogging
                                                                                                                        σ
            - hex dump
- ascii dump
- predefined format
                                                                                                                                                - Alternate clock
                                                                                                                                                                                                                                                                         originating process
                                                headers only
                                                               summary only
                                                                                                                                                                                                                                                                                                                                                  data_generator
scriptor
                                                                                                                                    (0 - GMT clock
                                                                                                                                                                                                                                                                                    (heálth stát
(user if
(lan_if
   - delog format
                                                                                                                        delog clock
                                                                                                                                                                                                                                                                                                                         ancillary
                                                                                                                                                                                    stop time
                                                                                                                                                                                                                                                                                                                                                                                      Delogger
                                                                                                                                                                                                                          by time
                                                                                                                                                                                                                                                                                                                                                                           score
                                                                                                                                                                                                                                                                                                                                      ppu
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    ဖ
```

```
stop
                                                    log file
                                                                   name, the delog listing device, the format
                                                                                                   delog by
                                                                                                                                    MTUI
                                     He will
                       session,
                                                                                   the delog file name
                                                                                                                                                    time,
      command
                                                                                                                      start
                                                                                                                                time, delog by OI MTUl time, the OI start time, the OI MTUl stop time
                                                                                                                                                                    specific MSID and which data stream.
                                                                                                 device is disk, the delog format,
                  user to enter a delog
                                                   prompted for log file device,
                                  and delog only nascom data type.
                                                                                                                     the
    session
                                                                                                                    delog clock,
delog
                                                                                 for the delog,
   nascom
                 allow the
                                                                                                                    time the
                                                    þe
 39. nasdlogrequest (nasdlogreq)
```

Example:

```
predefined format
                                                                            this requires the user to enter the)
                                                                                            name of the log file being delogged
                                                                                                                             0 then
                                                                                                                                                                                                                                                                                                                                       headers only
                                                                                                                                                                                                                                                                                                                                                         summary only
                                                                                                                                                                                                                                                                                                      - ascii dump
                                                                                                            up to 15 chars if the value of
                                                                                                                                                                                                                                                                                         qmub xed - 0
                                                                                                                                                                                                                                                                          delog format
                                                                                                                                            the value of this parameter
                                                                                                                            If it is
                                 parameter l is l
                                                                                                                                                                                                         - 132 column)
                                                                                                                                                                                        (0 - 80 column
                                                                                                                                                                                                                                                                           ဖ
                                                              og file name
                                                                                                                                                                           output format
                                                                                                                                                                                                                                                                                                                                                      then the entry on the command string
                                                                                                                                                                                                                                                                                                      user to enter the name of the delog
file up to 15 characters if the
                                                                                                                                                                                                                                                                                         this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                        device is disk, if it is not disk
 log1
                                                                                                                                                                        delog listing device
                                                                                                                                                                                         0 - line printer)
                                                                                                                                                                                                                                                                         delog file name
                                                           og file devic
                                                                                                                                                                                                                                                                                                                                                                          should be \0
nasdlogreq 2 logl
                                                                          - floppy
                                                                                                                                                                                                                          disk
                                                                                                                                                                                                          CRT
                                                                                                                                                                                                                                                                             S
```

A-111

```
format same as parameter
                                                                       10 - stop time
  (format is ddd:hh:mm:ss.sss
                                                                                                                                                                                                                             parameter 11 is -1 then
                                                                                                                                                                                                                                                                                                        the 9-10 character MSID name is used)
                                                                                                           or the value end if not
                                                                                                                                                                                                                                                                                                                          make sure that the alpha characters
                                                                                                                                                                                                                                                                                                                                           are capitalized, if all MSID's are
                                                                                                                                                                                                                                                the value here is -1
                                                                                                                                                                                                         9, if the value of
                                                                                                                                                                       12 - OI MUT1 start time
                                                                                                                                delogging by time
                                                                                                                                                                                                                                                                                                                                                                needed then use the value -1
                                  1 - Alternate clock
                                                                                                                                                                                                                                                                                       specific MSID
               0 - GMT clock
delog clock
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   or.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                             If the user wants either stream lor)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 stream 2 then the value will be 1
2 . For both streams enter a -1
                                                                                                               the value is beg if not delogging)
                                                                                           format is ddd:hh:mm:ss.sss or
 ω
                                                                                                                                                                     - delog by OI MUT1 time
(1 - Yes )
                                                                                                                                                                                                                                                                                                                                                                                      -1 then the value)
                                                                                                                                                                                                                                                                                                                              parameter 10, if
                                                                                                                                                                                                                                                                                         OI MTU1 stop time
                                                                                                                                                                                                                                                                                                                                                                 parameter 11 is
                                                                                                                                                                                                                                                                                                            format same as
                                                                                                                                                                                                                                                                                                                                                 the value of
delog by time
                                                                                                                                                                                                                                                                                                                                                                                                                                               data stream
                                                                                                                                                                                                                                                                                                                                                                                                         here is -1
                                                                            start time
                                                                                                                                                                                                             -1 - No
                                                                                                                                 by time.
                                      - Yes
                                                                                1
                                                                                                                                                                                                                                                                                                                                                                                                                                               15
                                                                             σ
```

```
allow the user to enter a delog session, and delog only OD data type. He will be prompted for log file device, log file name, the delog listing device, the format for the delog, the delog file name if
                                                                                                                                           stop
MTU1
      will
                                                                                                                   device is disk, the delog format, delog by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ascii dumppredefined format)
                                                                                                                                            the start
                                                                                                                                     time the delog clock, the start
time, delog by OI MTUI time, the OI
start time, and the OI MTUI stop time.
    delog session command
                                                                                                                                                                                                                                                                                                                                                    log file name
(this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                        name of the log file being delogged
                                                                                                                                                                                                                                                                                                                                                                                                           up to 15 chars if the value of parameter 1 is 1. If it is 0 then
                                                                                                                                                                                                                                                                                                                                                                                                                                                     the value of this parameter is \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - headers only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               summary only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0 - hex dump

    delog format

                                                                                                                                                                                                                                       2 0 0 beg end -1 -1 -1
| | | | | | | | | 6
6 7 8 9 10 11 12 13 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           output format
(0 - 80 column)
(1 - 132 column)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9
   frame
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   user to enter the name of the delog
file up to 15 characters if the
device is disk, if it is not disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (this requires the user to enter the
    O
                                                                                                                                                                                                                                                                                                                                                       ~
40. oddlogreguest (oddlogreg)
                                                                                                                                                                                                                                      oddlogreg 2 logl 2 0 delogl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             delog listing device
(0 - line printer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              delog file name
                                                                                                                                                                                                                                                                                                                                                      log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    should be \0
                                                                                                                                                                                                                                                                                                                                                                        0 - floppy
1 - disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    - CRT
                                                                                                                                                                                                   Example:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ı
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                m
```

```
- OI MUT1 start time
(format same as parameter)
                                              10 - stop time
  (format is ddd:hh:mm:ss.sss
  ( or the value end if not
   (delogging by time
                                                                                                                                                                           parameter 11 is -1 then
                                                                                                                                                                                           the value here is -1
                                                                                                                                                            9, if the value of
                              (1 - Alternate clock
              (0 - GMT clock
                                                                                                                            12
- delog clock
                                                                             the value is beg if not delogging)
                                                              format is ddd:hh:mm:ss.sss or
 ω
                                                                                                                            delog by OI MUT1 time (1 - Yes)
                                                                                                                                                                                                                                                                                                       -1 then the value
                                                                                                                                                                                                                          OI MTU1 stop time
                                                                                                                                                                                                                                                       parameter 10, if
                                                                                                                                                                                                                                                                                       parameter 11 is
                                                                                                                                                                                                                                         format same as
                                                                                                                                                                                                                                                                          the value of
delog by time (0 - No )
                                                                                                                                                                                                                                                                                                                        here is -1
                                              start time
                                                                                                                                                           (-1 - No
                             (1 - Yes
                                                                                             by time.
                                                                                                                                                                                                                          13 -
                                                 σ
```

```
delog session, and delog only data generator dcp data type. He will be prompted for log file device, log file name, the delog listing device, the format
                                                                                                                                                                      stop
                                                                                                                          for the delog, the delog file name if device is disk, the delog format, delog by
                                                                                                                                                                                                                 the
   session
                                                                                                                                                                                            MTUI
                                      and delog only dita type. He will
                                                                                                                                                                                                            the OI MTU1 stop time,
                                                                                                                                                                   time the delog clock, the start
time, delog by OI MTUI time, the OI
                       allow the user to
 dcp request delog
                                                                                                                                                                                                                                 window number and a format id.
                    command will
                                                                                                                                                                                                              start time,
  test
 The
 (tdcpdlogreg)
41. tdcpdlogrequest
```

### Example:

```
0 - hex dump
1 - ascii dump
2 - predefined format)
name of the log file being delogged)
up to 15 chars if the value of
parameter l is 1. If it is 0 then
                                                                                                                                   the value of this parameter is \0
                                                                                                                                                                                                                                                                                                  headers onlysummary only
                                                                                                                                                                                                                                           delog format
                                                                                                                                                                             (0 - 80 column)
                                                                                                                                                                                           - 132 column)
                                                                                                                                                                                                                                           ဖ
                                                                                                                                                                output format
                                                                                                                                                                                                                                                                                                                  then the entry on the command string
                                                                                                                                                                                                                                                        this requires the user to enter the
                                                                                                                                                                                                                                                                     user to enter the name of the delog
file up to 15 characters if the
                                                                                                                                                                                                                                                                                                  device is disk, if it is not disk
                                  _ 9
   tdcpdlogreq 2 logl 2 0 delogl
                                                                                                                                                                delog listing device
(0 - line printer)
(1 - CRT )
                                                                                                                                                                                                                                         delog file name
                                                            log file device
                                                                                                                                                                                                                                                                                                                                 should be \0
                                                                         (0 - floppy
(1 - disk
                                                                                                                                                                                                             - disk
                                                                                                                                                                                                                                             1
                                                                                                                                                                                                                                            S
                                                                                                                                                                    m
```

```
(format same as parameter)
                                                                    format is ddd:hh:mm:ss.sss
                                                                                                                                                                                               parameter 11 is -1 then
                                                                                    or the value end if not
                                                                                                                                                                                                                                                                  (values are 0-7 if the user wants a)
                                                                                                                                                                                                                (the value here is -1
                                                                                                                                                                           (9, if the value of
                                                                                                                                         - OI MUT1 start time
                                                                                                       delogging by time
                                                                                                                                                                                                                                                                                                       are needed the value is -1
                                                  10 - stop time
                               (1 - Alternate clock
                (0 - GMT clock
                                                                                                                                                                                                                                                 14 - window number
- delog clock
                                                                                                                                                                                                                                                                                                                                                                                                             if the user wants a specific format)
                                                                                                                                                                                                                                                                                                                                                                                                                             the value here will be the format ) id, if all formats are required the)
                                                                                    the value is beg if not delogging)
                                                                   format is ddd:hh:mm:ss.sss or
ω
                                                                                                                                        - delog by OI MUT1 time
                                                                                                                                                                                                                                                                                                                                        -1 then the value
                                                                                                                                                                                                                                                                                   parameter 10, if
                                                                                                                                                                                                                                                13 - OI MTU1 stop time
                                                                                                                                                                                                                                                                                                                      parameter 11 is
                                                                                                                                                                                                                                                                   format same as
                                                                                                                                                                                                                                                                                                       the value of
delog by time
                                                                                                                                                                                                                                                                                                                                                         here is -1
                                                                                                                                                          (1 - Yes)
                                                   start time
                                                                                                                                                                                                                                                                                                                                                                                            format id
                (0 - NO)
                                                                                                    by time.
                                                                                                                                                                                                                                                                                                                                                                                               1
                                                                                                                                        11
```

command the delog the delog file name if device is disk, the generator He will be prompted for log file name, the delog the format for the delog, the delog stop time, the specific MSID and which data the OI MTUI clock, the start stop time, delog by OI MTUI session enter data delog by time time, the OI MTU1 start time, session, and delog only The test nascom delog will allow the user nascom data type. log file device, device, delog format, listing stream. 42. tnasdlogreguest (tnasdlogreg)

### Example:

```
ascii dumppredefined format
                                                                                       this requires the user to enter the
                                                                                                       name of the log file being delogged
                                                                                                                                          If it is 0 then
                                                                                                                                                                                                                                                                                                                                                   headers onlysummary only
                                                                                                                                                          the value of this parameter is \0
                                                                                                                        up to 15 chars if the value of
                                                                                                                                                                                                                                                                                               - hex dump
                                                                                                                                                                                                                                                                                 delog format
                                     9 10 11 12 13 14
                                                                                                                                           parameter 1 is 1
                                                                                                                                                                                                                                                                                    ı
                                                                                                                                                                                                                            - 132 column)
                                                                                                                                                                                                          (0 - 80 column
                                                                                                                                                                                                                                                                                 9
                                                                     od file name
                                                                                                                                                                                         output format
                                                                                                                                                                                                                                                                                                                                                                   then the entry on the command string)
                                                                                                                                                                                                                                                                                              this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                              device is disk, if it is not disk
                                                                                                                                                                                                                                                                                                                             file up to 15 characters if the
                                                                                                                                                                                               ı
                                                                                                                                                                                                                                                                                                                user to enter the name of
                                                                                                                                                                                        delog listing device
                                                                                                                                                                                                          0 - line printer;
                                                                                                                                                                                                                                                                                delog file name
                                                                      log file device
tnasdlogreq 2 logl
                                                                                                                                                                                                                                                                                                                                                                                   should be \0
                                                                                     - floppy
                                                                                                                                                                                                                                            - disk
                                                                                                                                                                                                                            - CRT
                                                                                                                                                                                                                                                                                  1
                                                                                                                                                                                                                                                                                ഹ
```

```
(format same as parameter)
                                                                 format is ddd:hh:mm:ss.sss
                                                                                                                                                                                            parameter 11 is -1 then
                                                                                                                                                                                                                                                                                              the 9-10 character MSID name is used
                                                                                    or the value end if not delogging by time
                                                                                                                                                                                                                                                                                                               make sure that the alpha characters are capitalized, if all MSID's are
                                                                                                                                                                                                               the value here is -1
                                                                                                                                                                          9, if the value of
                                                                                                                                         - OI MUT1 start time
                                                                                                                                                                                                                                                                                                                                                   needed then use the value -1
                                                 10 - stop time
                                - Alternate clock
                                                                                                                                                                                                                                                                              specific MSID
                0 - GMT clock
delog clock
                                                                                                                                                                                                                                                                                                                                                                                                                                               or)
                                                                                                                                                                                                                                                                                                                                                                                                                                                               or (
                                                                                                                                                                                                                                                                                                                                                                                                                                             If the user wants either stream l
                                                                                     the value is beg if not delogging)
                                                                                                                                                                                                                                                                                                                                                                                                                                                            stream 2 then the value will be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 . For both streams enter a -1
                                                                     format is ddd:hh:mm:ss.sss or
 α
                                                                                                                                         delog by OI MUT1 time
                                                                                                                                                                                                                                                                                                                                                                        -1 then the value
                                                                                                                                                                                                                                                                                                                   parameter 10, if
                                                                                                                                                                                                                                                                                OI MTU1 stop time
                                                                                                                                                                                                                                                                                                                                                    parameter 11 is
                                                                                                                                                                                                                                                                                                   format same as
                                                                                                                                                                                                                                                                                                                                     the value of
delog by time
                                                                                                                                                                                                                                                                                                                                                                                                                             data stream
                                                                                                                                                                                                                                                                                                                                                                                         here is -1
                                                    tart time
                                                                                                                                                                               -1 - No
                                                                                                                                                            1 - Yes
                                                                                                       by time.
                                  1 - Yes
                   ON - 0
                                                                                                                                                                                                                                                                                  13 -
                                                                                                                                                                                                                                                                                                                                                                                                                                ı
                                                                                                                                                                                                                                                                                                                                                                                                                               72
                                                                                                                                            11
```

```
command
                               session, and delog only data generator OD
                                                 He will be prompted for log
                                                                file device, log file name, the delog listing device, the format for the delog,
                                                                                                   the delog file name if device is disk, the
                                                                                                                     the delog
                                                                                                                                   clock, the start stop time, delog by OI MTUI time, the OI MTUI start time, and the OI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ascii dumppredefined format)
                                                                                                                                                                                                                                               name of the log file being delogged
                                                                                                                                                                                                                                                                                                                                        up to 15 chars if the value of jubarameter 1 is 1. If it is 0 then
test OD frame delog session
                                                                                                                                                                                                                                                                                                                                                                          the value of this parameter is \0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   summary only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     - headers only
                  enter
                                                                                                                    delog format, delog by time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0 - hex dump
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  delog format
                allow the user to
                                                                                                                                                                                                                         o pěd evd -i -i
                                                                                                                                                                                                                                                                                                                                                                                                                              (0 - 80 column)
(1 - 132 column)
                                                                                                                                                                     MTU1 stop time.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ဖ
                                                                                                                                                                                                                                                                                                                                                                                                          - output format
                                                data type.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              user to enter the name of the delog)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 delog file name
(this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 device is disk, if it is not disk
                                                                                                                                                     time,
43. toddlogreguest (toddlogreg) The
                                                                                                                                                                                                                       delog listing device
                                                                                                                                                                                                                                                                                                                                                                                                                             0 - line printer)
                                                                                                                                                                                                                                                                                         - log file device
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     should be \0
                                                                                                                                                                                                                      toddlogreq 2 logl
                                                                                                                                                                                                                                                                                                       0 - floppy
11 - disk
                                                                                                                                                                                                                                                                                                                                                                                                                                             (1 - CRT
(2 - disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                               - disk
                                                                                                                                                                                         Example:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ı
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   S
```

```
(format same as parameter)
(9, if the value of )
                                                                                                                              - stop time
(format is ddd:hh:mm:ss.sss
                                                                                                                                                                                                                                                              parameter 11 is -1 then
                                                                                                                                                            ( or the value end if not (delogging by time
                                                                                                                                                                                                                                                                              the value here is -1
                                                                                                                                                                                                               12 - OI MUT1 start time
                           - Alternate clock
            (0 - GMT clock
delog clock
                                                                                                                               10
                                                                                                                             start time (format is ddd:hh:mm:ss.sss or ) (the value is beg if not delogging)
  ı
 ω
                                                                                                                                                                                                              11 - delog by OI MUT1 time
    (1 - Yes )
    (-1 - No )
                                                                                                                                                                                                                                                                                                                                                                                parameter ll is
-1 then the value
                                                                                                                                                                                                                                                                                                                                                parameter 10, if
                                                                                                                                                                                                                                                                                                                 13 - OI MTU1 stop time
                                                                                                                                                                                                                                                                                                                                 format same as
                                                                                                                                                                                                                                                                                                                                                                 the value of
 7 - delog by time
                                                                                                                                                                                                                                                                                                                                                                                                               here is -1
                (0 - No
(1 - Yes
                                                                                                                                                                               by time.
                                                                                                                                  σ
```

```
the
                                                                                   the
The user interface request delog session
                                 delog only user
He will be prompted
                     enter
                                                                                                                     delog by time
                                                                               listing device, the format ror the delog file name if device
                                                                   log file name,
                                                                                                                                    delog clock, the start and stop time.
                  to
                  allow the user
                                                                                                                     the delog format,
                                  session, and
                                                                  for log file device,
                                                 interface data type.
                 command will
                                                                                                  delog,
                                 delog
                                                                                   delog
  44. uifdlogrequest (uifdlogreg)
```

### Example:

```
then the entry on the command string)
                                                                                                                                                                                                                                                           this requires the user to enter the)
                                                                                                                                                                                                                                                                            user to enter the name of the delog
log file device
                                                                                                                                                                                                                                                                                                          device is disk, if it is not disk
                                                                                                                                                                                                                                                                                            file up to 15 characters if the
                0 - floppy
2 - disk
                                                               delog listing device (0 - line printer)
                                                                                                                                                                                                                                           delog file name
                                                                                                                                                                                                                                                                                                                                               should be \0
                                                                                                                                                                                         is 0)
                                                                                                                                                                    up to 15 chars )
if the value of parameter
                                                                                                                                                                                                                                            ഗ
                                                                                                                                                                                                         then the value here is \0
 o delogi
                                                                                                                                     of the log file)
                                                                                                                     enter the name)
                                                                                                                                                     being delogged
                                                                                                                                                                                                                                                                         - 132 column
                                                                                   this requires
                                                                                                                                                                                                                                                          0 - 80 column
 uifdlogreq 2 logl
                                                                    log file name
                                                                                                                                                                                                                                         output format
                                                                                                    the user to
                                                                        ı
                                                                     ~
```

```
start time (format is ddd:hh:mm:ss.ss or (the value is beg if not delogging)
7 - delog by time
(0 - No )
(1 - Yes )
                                                                                                                                                  by time.
                                                                                                                                                                 stop time
(format is ddd:hh:mm:ss.sss or
(the value end if not delogging
                                                                                                        σ
              (0 - hex dump
(1 - ascii dump
2 - predefined format
                                                                                                                                     - Alternate clock
                                                          headers onlysummary only
                                                                                                       8 - delog clock
(0 - GMT clock
(1 - Alternate
6 - delog format
                                                                                                                                                                                                              by time
                                                                                                                                                                     İ
                                                                                                                                                                  10
```

```
log
                                                                              the
(utildlogreq) The utility request delog session command
                                                                                                                  delog
                                                                                                    name
                                   session, and delog only HWCO data type. will be prompted for log file device, file name, the delog listing device,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           predefined format
                                                                                                                                   by time the delog clock, the start and
                                                                                              format for the delog, the delog file
                                                                                                                                                                                                                                                                                                        this requires the user to enter the)
                                                                                                            if device is disk, the delog format,
                                                                                                                                                                                                                                                                                                                        name of the log file being delogged
                                                                                                                                                                                                                                                                                                                                                             parameter lis l. If it is 0 then
                                                                                                                                                                                                                                                                                                                                                                                 the value of this parameter is \0
                        enter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            headers only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  summary only
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ascii dump
                                                                                                                                                                                                                                                                                                                                            up to 15 chars if the value of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0 - hex dump
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     delog format
                      t
t
                     the user
                                                                                                                                                                                                                                                                                                                                                                                                                                                         - 132 column)
                                                                                                                                                                                                                                                                                                                                                                                                                                       0 - 80 column
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9
                                                                                                                                                                                                                                                                                                                                                                                                                    output format
                                                                                                                                                                                                                                                                                     og file name
                     allow
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             then the entry on the command string)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   this requires the user to enter the)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    user to enter the name of the delog)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       file up to 15 characters if the device is disk, if it is not disk
                                                                                                                                                                                                           delogl
                                                                                                                                                                                                                                                                                                                                                                                                                    delog listing device
                                                                                                                                                                                                                                                                                                                                                                                                                                        line printer)
45. utildlogrequest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 delog file name
                                                                                                                                                                                                        2 log1
                                                                                                                                                                                                                                                                                     log file devic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                should be \0
                                                                                                                                                                                                                                                                                                      - floppy
- disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                         - CRT
                                                                                                                                                                                                          utildlogreq
                                                                                                                                                                       Example:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ı
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ഗ
```

```
- stop time
(format is ddd:hh:mm:ss.sss
( or the value end if not
(delogging by time
 8 - delog clock
(0 - GMT clock
(1 - Alternate clock
                                                                                                                                       10
                                                                                                                                     start time (format is ddd:hh:mm:ss.sss or (the value is beg if not delogging)
7 - delog by time
(0 - No )
(1 - Yes )
                                                                                                                                                                                    by time.
                                                                                                                                          ı
                                                                                                                                       6
```

# USER INTERFACE

l.regscrn (reg)

Example:

red

2.relscrn (rel)

Example:

rel

3.ackadv (acka)

Example:

acka

4.advh (ad)

Example:

ad

This command þλ would be used by a program and not used The request screen command. a user.

This command a user. would be used by a program not The release screen command.

acknowledge pending advisory will the next advisory in the advisory is the same function depressing the F4 key. This dnene. show

The function that The advisory history command display all the advisory messages is the same as depressing the have been acknowledged. and entering a return.

5. cmdh (c)

The command history command will display the last 17 commands. The function is the same as depressing the F5 kgy and entering a "c".

Example:

Ö

(m) nuew.9

The select menu command will prompt the

user for the menu of his choice.

Example: m master

7.refresh (ref)

The refresh command will refresh the screen if system messages interrupt or if the user is switching from one workstation to another. The function is the same as depressing the Fl key.

Example:

ref

8. top (to)

The return to top command will return the user to the master menu (if the user is in the menu system) or it will go to the top of a report (if the user is viewing a report). The function is the same as depressing the F2 key.

Example:

to

9.history (hist)

and same command prompt key F.S the will This view history command user for advisory function as depressing entering an "a" or a "c". commands. history

Example:

(a - advisory) (c - command) hist a

2 10. view

the View a file command will prompt user for the file name.

Example:

v /cas/reports/OVERALL

11.ackrprt (ackr)

display on the screen a report that you This is the same function Acknowledge pending report command will as depressing the F3 key. requested.

Example:

ackr

12. copy

for the file name to be copied and the name it is to be copied to. No example is here since the information needed exceed the 72 character limit on the copy command will prompt the user command line. given here will

13.delete (del)

The delete command will prompt the user for the file name of the file to be

deleted. No example is given here since the information needed will exceed the 72 character limit on the command line.

14. directory (dir)

The directory command will prompt the user for the directory the user wants a listing of.

Example:

dir /cas/support\_files

15. hexdump (hexd)

The hex dump command will dump a file in hex. It will prompt the user for the file name of the file to be dumped and the file name for the file which will hold the results.

Example:

hexd /cas/reports/dumpl

16.ascdump (ascd)

The ASCII dump command will dump a file in ASCII. It will prompt the user for the file name of the file to be dumped and the file name for the file which will hold the results.

Example:

ascd /cas/reports/dump2

17.flpappend (flpa)

The append a file to a floppy will append a file to a floppy in the floppy drive.

Example:

flpa /cas/support\_files/MNO61ERA.d

18.flpformat (flpf)

The format floppy command will format a floppy in the floppy drive, this must be done before using a floppy to copy to. No other parameters are needed.

Example:

flpf

19. flplist (flpl)

The list floppy will list all the files on a users floppy which has been mounted in the floppy drive. No other parameters are needed.

Example:

flpl

20.flpread (flpr)

The floppy read command will read one or all files from the floppy to the hard disk. The user will be prompted for a file name or for all the files.

Example:

to read a single file from the floppy flpr /cas/support\_files/MNO61ERA.d

flpr /cas/support\_files

to read multiple files under the same directory.

21.flpwrite (flpw)

The floppy write command will write a file to the floppy by overwriting what is on the floppy. This command should be used only for writing the first file on the floppy.

Example:

flpw /cas/support\_files/MNO61ERA.d to write a single file to the floppy.

flpw/cas/support\_files

to write multiple files from a directory to the floppy.

22. move

The move command will move a file from one directory to another. The user will be prompted for the file name of the file to be moved and the name of the destination file. No example is given since the information needed is greater than the 7.2 characters allowed on the command line.

23.print

The print command will send a file to the printer. The user will be be prompted for the file name.

Example:

print /cas/reports/OVERALL

24.processes (proc)

The active processes command will display the active processes running in a particular machine.

Example:

proc 0

-130

25.rcopy

The remote copy command will copy a file from one computer to the computer the user is on. The user will be prompted for the machine the file is located in and the name of the file, and the destination directory it is to be copied to. No example is given here since the information needed is greater than the 72 characters allowed on the command line.

26. rename (ren)

characters allowed on the command line.

27. rsend

information needed is greater than the

the

must

path name where the file

new name. The file name

example is given since

No

located.

include the

its

and

the file name of the file to be renamed

The user will be prompted for

on disk.

rename command will rename a

it is to be labeled. File name is not only name but its path name as well. example is given since the information characters t C The user will be prompted for the file name then the machine it is to be sent and the name send command will send computer system. 72 of the file to be sent and needed is greater than the allowed on the command line another computer in the from the users's remote file file the The

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28.who

logged on to the machine you are on. command will indicate The who

are

who

Example:

who

29. ldcmds (ldc)

directory. The user will be prompted for the name of the command file to be loaded. These files have a suffix of .cmd, this part of the name should not command set which is in the cmd\_sets directory. The user will be prompted The load commands command will load be given.

Example:

ldc log

30. line (li)

move the user through a report the user is viewing. The user will be prompted for the number of lines. A "+" and report for that number of lines. A number without a "+" or "-" will move The adjust current report by lines will = and a number will retreat through for the number of lines. A "+" then a number will advance through report for that number of lines. to that particular line.

Example:

1i +5

31. page (pa)

The page command will move through a report at a page at a time. The user will be prompted for the number of pages. A "+" with a number advances through the report that number of pages. A "-" with a number will retreat through the report that number of pages.

Example:

pa +5

32. logon

The logon command will begin the process of logging onto the CAS system. The user will be prompted for the account he belongs to.

Example:

logon dfe

33.logoff

log off the

There are no other parameters.

The logoff will

Example:

logoff

34. user

Example:

user

The user command will indicate who is on the machine.

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35. level

The level command will give the level of security the user has been assigned by his logon id and password. No other parameters are needed.

Example:

level

36. uifrestart (uifre)

The user interface restart command will restart the user interface process. No other parameters are needed.

Example:

uifre

37. sprint (spr)

The selective print command will send a section of file to the printer. The user will be prompted for the file name of the file to be printed, the line at which the print is to start, and the line at which the print is to end.

Example:

spr 100 200

38. rview (rv)

The report view command will view a report from the reports directory. The user will be prompted for the file name of the file to be viewed. The file name for this command is just the file name and not the whole path name as well.

Example:

rv OVERALL

39. rttylevel (rttyl)

The remote security level command will give the security of the remote terminal if one is active. There are no other parameters.

Example:

rttyl

40. rttyuser (rttyu)

The remote user command will indicate who the remote user is if one is active. There are no other parameters.

Example:

rttyu

41. perform (per)

The perform command is issued when a user wants to use a batch file (command file). The user will be prompted for the batch file name. All batch files have the extension .bat, but when using this command the extension is not given.

Example:

per logndcp

42. csacactive (csacact)

The CSAC active command directs user interface to send all commands to CSAC to be routed to the controlling workstation. No other parameters are necessary.

Example:

csacact

43. csacinactive (csacinact)

The CSAC inactive command directs user interface that all commands are to be routed locally. No other parameters are necessary.

Example:

csacinact

## SUPERVISOR

1. abort (ab)

The abort command causes the supervisor to terminate the specified process. Since the termination is not graceful, this command should only be used if the specified process is not responding to commands and all other attempts to halt the process have failed. Use of this command will cause abnormal termination advisories to be issued to the process. The abnormal termination code will be 011. process. The user will be prompted for the application and process.

Example:

l Application (support, ndd, ancillary, or Delogger, or score) checkout) ab nặd nặd

2. haltproc (haltp)

process receives a halt command it should perform a functions to send a halt command to prompted for the application command causes followed by a normal termination. shutdown of all of its When process process. halt supervisor specified will be graceful process.

Example:

1 Application (support, ndd, ancillary, or Delogger, scriptor, or score) 2 Process (health\_stat, ndd, ancillary, checkout) haltp nặd nặd

3. restart (rest)

The restart command causes the supervisor to send a restart process command to the specified process. The restart command causes the process to gracefully halt what it is doing and to perform a warm restart. The user will be prompted for the application and the process.

Example:

l Application (support, ndd, ancillary or 2 Process (health stat, ndd, ancillary, Delogger, scriptor, or score) checkout) rest nďd nďd

4. exit

halt (i.e. mission planning) should be halted first. Once these processes have halted the exit command may be safely used. a halt command to all active process The processes are given 20 If they have not halted Once all processes have terminated, the supervisor cleans up the files used for supervisor user interface and health and status processes are halted finally \*\*note Any process which requires more than 20 seconds to gracefully terminated. The exit command causes the supervisor the communication, after all other process have No other parameters are needed. within that time period, aborts the process. The seconds to halt. in the system. halting itself. inter-process send

Example:

exit

5. start (sta)

The start command will start any process. The user will be prompted for the application, process and 13 parameters. For unused parameters the word DONE should be inserted.

Example:

sta ndd ndd 51-e a rt ops

6. osdelay (osde)

The os delay command will set up the time interval in which the process os stats takes system information and outputs it in the HS MSG log file. The user will be prompted for the number of seconds this delay should be.

Example:

osde 20

#### CSAC

1. csachalt (csach)

Example:

csach

2. csacstart (csacst)

The CSAC start command will start the

other

no

are

There

process.

commands.

no other

There are

CSAC process.

The

parameters.

CSAC halt command will

halt

Example:

csacst

3. csac

The CSAC menu command will call up the

There are no

CSAC master menu.

parameters.

Example:

csac

4. local

The local command will place any workstation in a local mode. This mode will not send messages to the CSAC workstation to be displayed on the CRT. The user will be prompted for the workstation to be put into local mode.

Example:

local w/sl

local nddl

localall 5.

mode. workstations in a local are no other parameters.

There

all

put

command will

**a**]]

The local

Example:

localall

6. remote

put The remote mode CSAC willThe remote command will prompt the user workstation for which NDD or workstation to messages to the messages will have the particular indicated send messages t appear on the CSAC CRT. These into the remote mode. workstation.

Example:

remote NDD1

7. remoteall

The remote all command will have all

workstations in the remote mode.

are no other parameters.

Example:

remoteall

8. sendstatus (sendstat)

The user will be prompted for the status message to the CSAC workstation. workstation which will send its status. sent The send status command will

Example:

sendstat wsl

sendstat ndd9

sendstat all

9. datareport (data)

The data report command will produce a data stream report. The user will be prompted for the flight id and the data stream tag.

Example:

data 51-e rt l flight id

— c

2 data stream tag (rt, sim, or pb)

10. nddreport (nddrep)

The NDD report command will produce an NDD report for the user. There are no other commands.

Example:

nddrep

11. networkreport (net)

The network report command will produce the Network Summary Report. There are no other parameters for this

Example:

net

12. wsreport (ws)

The network report command will produce the Network Summary Report. There are no other parameters.

Example:

S S 13. csacpause (csacp)

The CSAC pause command will pause all CSAC functions with the exception that CSAC will continue to read messages sent to it. However, no processing will be done to the messages. The csacpause command is useful when a time critical operation must be performed for a short period of time. While in the pause mode CASC will require considerable less cpu time to operate. CSAC will stay in the pause mode until until a csac resume or a csac halt command is received. All other commands will be ignored.

Example:

csacp

14. printcontrolws (printcon) The print

The print control workstation will print the name of the workstation under the control of CSAC. There are no other parameters for this command.

Example:

printcon

15. csacrestart (csacrest)

The CSAC restart command will restart the CSAC process, this command will be used if CSAC will not initialize. There are no other parameters for this command.

Example:

csacrest

16. csacresume (csacresu)

The CSAC resume command causes the CSAC process to leave the pause state and to resume processing all commands and status messages. There are no other parameters.

Example:

csacresu

17. controlws (control)

The control workstation command will give the user control over the workstation specified. The user will be prompted for the workstation to control.

Example:

control wsl

18. ndd1

Example:

nddl

This is the control workstation command for NDD1. There are no other parameters.

30. ws4

Example:

ws4

31. ws5

Example:

ws5

32. ws6

Example:

9sm

33. ws7

Example:

Ws7

34. ws8

Example:

ws8

This is the control workstation command for WS4. There are no other parameters.

This is the control workstation command for WS5. There are no other parameters.

This is the control workstation command for WS6. There are no other parameters.

This is the control workstation command for WS7. There are no other parameters.

This is the control workstation command for WS8. There are no other parameters.

A-147

	0 202	•
		•
	ď	
1	~	)

This is the control workstation command for WS9. There are no other parameters.

Example:

ws8

36. setwstime

The set workstation time command will set the time on all the workstations that are on line. The user will be prompted for the new time.

Example:

setwstime 0216143585 (mmddhhmmyy)

(sys)

37. systemreport

The system report command will generate a system status report. There are no other parameters for this command.

Example:

sys

38. applreport (applrep)

The application report command will prompt the user for the workstation the report is to be used for.

example:

applrep wsl

d2	١
nd	
19.	

Example:

ndd2

20. ndd3

Example:

ndd3

21. ndd4

l i Example:

ndd4

22. ndd5

Example:

ndd5

23. ndd6

Example:

9ppu

This is the control workstation command for NDD2. There are no other parameters.

This is the control workstation command for NDD3. There are no other parameters.

This is the control workstation command for NDD4. There are no other parameters.

This is the control workstation command for NDD5. There are no other parameters.

This is the control workstation command for NDD6. There are no other parameters.

25. ndd8 Example: ndd8

26. ndd9 Example: ndd8 27. wsl Example: 28. ws2 Example: ws2 29. <u>ws3</u> Example: ws3

This is the control workstation command for NDD7. There are no other parameters.

This is the control workstation command for NDD8. There are no other parameters.

This is the control workstation command for NDD9. There are no other parameters.

This is the control workstation command for WSl. There are no other parameters.

This is the control workstation command for WSl. There are no other parameters.

This is the control workstation command for WS3. There are no other parameters.

# CHECKOUT SOFTWARE COMMANDS

the data base The user will start scriptor command will start interactive scriptor. The prompted for the script name, revision, and the data type. 1. scrstart (scrsta)

### Example:

scrsta scriptl 6lERA dcp

 script file name (user determined name up to 15 chars)

2 - data base revision
(this is composed of)
(classic flight id)
(61E, then the type)
(R - realtime)
(S - simulation)
(P - playback)
(and then the version)

(the values are:
(dcp
(conf - for OD data
(nascom
(h&s - health & status
(hwco - hardware checkout data)

data type

ب ا

interactive interactive user will be prompted for script file name. for hardware checkout data. start hardware checkout start the scriptor scriptor The scrstart hwco (scrstart\_hw) 2

### Example:

scrstart\_hw scriptl

will start the interactive scriptor for OD data. The user will be prompted for the script file name and the data base version. (user determined name up to 15 chars) scriptor od interactive 1 - script file name start The 3. scrstart\_odf (scrstart\_o) scrstart\_o od.script 61ERA P - playback and then the version) (this is composed of)
(classic flight id ) 61E, then the type data base revision S - simulation R - realtime A-ZExample: ı ~

```
dcp
the
                  start the interactive scriptor for dcp data. The user will be prompted for the script file name and the data base version.
                                                                                                                              1 - script file name
(user determined name up to 15 chars)
 scriptor
                interactive scriptor
dcp interactive
  start
 4. scrstart_dcp (scrstart_d)
                                                                                                                              scrstart_d dcp.script 61ERA
                                                                                                                                                                                                                                                                                                                                                         and then the version)
                                                                                                                                                                                                                                          (this is composed of)
(classic flight id )
(61E, then the type )
                                                                                                                                                                                                                         data base revision
                                                                                                                                                                                                                                                                                                 R - realtime
S - simulation
                                                                                                                                                                                                                                                                                                                                       P - playback
                                                                                                                                                                                                                                                                                                                                                                           A-Z
                                                                                             Example:
                                                                                                                                                                                                                          2 -
```

5. scrstart\_n

The start nascom interactive scriptor will start the interactive scriptor for nascom data. The user will be prompted for the script file name and the data base version.

Example:

scrstart\_n nas,script 61ERA

· --- -

(user determined name up to 15 chars)

1 - script file name

1

2 - data base revision
(this is composed of)
(classic flight id)
(61E, then the type)
(R - realtime)
(S - simulation)
(P - playback)
(and then the version)

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6. scrstart hs

interactive interactive script status messages. will be prompted for the file name and the data base version. status for health and start health and wi11 start user scriptor scriptor The The

Example:

scrstart\_hs hs.script 61ERA

l - script file name
(user determined name up to 15 chars)

2 - data base revision
(this is composed of)
(classic flight id)
(61E, then the type)
(R - realtime)
(S - simulation)
(P - playback)
(and then the version)

### 7. script (scri)

The append script line command will add script lines to the script you are working on when the interactive scriptor is running. The user will be prompted for the next script line he wants to add.

Example:

scri form,oi=129,d11=20,d12=60

8. dgstart (dgsta)

NDD for the name of a log file (if he wants to route previously generated data), script prompted go command for the data generator to start data type, the rate of output, and the output device the data is to be routed, name, validate the script only, the data generator for This command must be followed by command The user will be generating the desired data. start generator data. initialize data desired file

Example:

dgsta null scriptl no lạn dçp 100 l

l - previously generated data

this parameter with the value "null" indicates that data is to) generated. If you have logged data and put the log file name ) in as the value of this parameter the data generator will use must be in the /cas/application/checkout/log\_files directory it to route this previously generated data. This log file

user designated file name for the script which is to be used script file name ı 7

the name of a log file - to route previously logged data - a ) script file name must still be given. The data generator needs) to generate the data. \*\*note if the value for parameter l was it to determine an end time.

```
If the value is "no" the data)
                                                    first error will be brought)
                             generator to only validate)
                                                                                                                                                                                                                                                 direct the output of the data generator to the NCIU)
                                                                                                                                                                                               - which will let the data generator run with no data)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (values range from 1-200, this number represents the percentage)
                                                                                                                                                                                                                                                                                                 direct the output of the data generator to the LAN
                                                                                                                                                                                                                                                                                                                       direct the output of the data generator to a file **note this file must already exist
                                                                                                 generator will generate data upon issuance of the go command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               values are 1-9, these must be used even if the data type is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     of output rate, ex a 5 would be 5% of normal output
                         the value "yes" will indicate to the
                                                 the script. If there are errors the
                                                                       to the screen and stop the process.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       h&s - health & status messages)
                                                                                                                                                                                                                                                                                                                                                                                                                         hwco - hardware checkout data
                                                                                                                                                                                                                          being output.
                                                                                                                                                                                                                                                                          driver
                                                                                                                                                                         the values are:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       conf - OD data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     rate of output
validate only
                                                                                                                                                 -output device
                                                                                                                                                                                                 /dev/null
                                                                                                                                                                                                                                                 /dev/nciu
                                                                                                                                                                                                                                                                                                                                                                                              data type
                                                                                                                                                                                                                                                                                                                         filename
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (not dcp
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```

9. dgstart\_odf (dgstart\_o)

The data generator od start command will initialize the data generator for OD data. The user will be prompted for the name of a log file (if he wants to route previously generated data), script file name, validate the script only, the output device the data is to be routed, the rate of output, and the NDD ID. This command must be followed by the go command for the data generator to start generating the desired data.

Example:

dgstart\_o null scriptl no /dev/nciu l00 l

this parameter with the value "null" indicates that data is to) generated. If you have logged data and put the log file name in as the value of this parameter the data generator will use it to route this previously generated data. This log file must be in the /cas/application/checkout/log\_files directory previously generated data

- script file name must still be given. The data generator needs) to generate the data. \*\*note if the value for parameter 1 was (user designated file name for the script which is to be used the name of a log file - to route previously logged data it to determine an end time. script file name 1
- If the value is "no" the data) the script. If there are errors the first error will be brought) the value "yes" will indicate to the generator to only validate) generator will generate data upon issuance of the go command to the screen and stop the process. validate only ı ന

```
- direct the output of the data generator to the NCIU)
                                            - which will let the data generator run with no data)
                                                                                                                                                                                                                                               (values range from 1-200, this number represents the percentage)
                                                                                                                                    direct the output of the data generator to the LAN direct the output of the data generator to a file **note this file must already exist
                                                                                                                                                                                                                                                                                                                                      values are 1-9, these must be used even if the data type is
                                                                                                                                                                                                                                                                    of output rate, ex a 5 would be 5% of normal output rate
                                                                    being output.
                                                                                                               driver
                       the values are:
                                                                                                                                                                                                                         rate of output
4 -output device
                                             /dev/null
                                                                                        /dev/nciu
                                                                                                                                                        filename
                                                                                                                                                                                                                                                                                                                                                               (not dcp
                                                                                                                                                                                                                                                                                                                    - NDD ID
                                                                                                                                     lan
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```

dgstart\_dcp (dgstart\_d)

the device the data is to be routed, the rate of output, and the NDD ID. This command file route name, validate the script only, the output user will be prompted for name of a log file (if he wants to r previously generated data), script must be followed by the go command for generating data generator dcp start command generator the data generator desired data. initialize

### Example:

previously generated data (this parameter with the value "null" indicates that data is to) (generated. If you have logged data and put the log file name) (in as the value of this parameter the data generator will use) (it to route this previously generated data. This log file) must be in the /cas/application/checkout/log\_files directory

script file name 1 2

to generate the data. \*\*note if the value for parameter 1 was ) the name of a log file - to route previously logged data - a ) script file name must still be given. The data generator needs) user designated file name for the script which is to be used it to determine an end time.

validate only ന

to the screen and stop the process. If the value is "no" the data) generator will generate data upon issuance of the go command the script. If there are errors the first error will be brought) the value "yes" will indicate to the generator to only validate)

```
direct the output of the data generator to the NCIU)
                      (the values are:
(/dev/null - which will let the data generator run with no data)
                                                                                                                                                                                                                                                      (values range from 1-200, this number represents the percentage)
                                                                                                                                               to the LAN
to a file
                                                                                                                                                                                                                                                                                                                                                    values are 1-9, these must be used even if the data type is
                                                                                                                                                                                                                                                                                of output rate, ex a 5 would be 5% of normal output rate
                                                                                                                                        direct the output of the data generator
direct the output of the data generator
**note this file must already exist
                                                                      being output.
                                                                                                                   driver
                                                                                                                                                                                                                                     rate of output
                                                                                          /dev/nciu -
4 -output device
                                                                                                                                                              filename
                                                                                                                                                                                                                                                                                                                                                                              (not dcp
                                                                                                                                                                                                                                                                                                                               QI QQN - 9
                                                                                                                                         (lan
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```

dgstart hs (dgstart h) 11.

he wants to route previously generated data), script file name, validate the script only, the output device the data This command must be followed data generator health and status start command will initialize the data generator is to be routed, the rate of output, will be prompted for the name of a file (if he wants to route nrevio for health and status messages. the NDD ID.

by the go command for the data generator to start generating the desired data.

### Example:

must be in the /cas/application/checkout/log\_files directory it to route this previously generated data. This log file

script file name 1 ~

script file name must still be given. The data generator needs) to generate the data. \*\*note if the value for parameter 1 was the name of a log file - to route previously logged data - a (user designated file name for the script which is to be used it to determine an end time.

validate only m

If the value is "no" the data) the value "yes" will indicate to the generator to only validate) the script. If there are errors the first error will be brought) generator will generate data upon issuance of the go command to the screen and stop the process.

```
direct the output of the data generator to the NCIU)
                                              - which will let the data generator run with no data)
                                                                                                                                                 direct the output of the data generator to the LAN direct the output of the data generator to a file **note this file must already exist
                                                                                                                                                                                                                                                                         (values range from 1-200, this number represents the percentage)
                                                                                                                                                                                                                                                                                                                                                                               values are 1-9, these must be used even if the data type is
                                                                                                                                                                                                                                                                                                     of output rate, ex a 5 would be 5% of normal output rate
                                                                          being output.
                                                                                                                           driver
                       the values are:
                                                                                                                                                                                                                                                    rate of output
4 -output device
                                              /dev/null
                                                                                                 /dev/nciu
                                                                                                                                                                             filename
                                                                                                                                                                                                                                                                                                                                                                                                          (not dcp
                                                                                                                                                                                                                                                                                                                                                       NDD ID
                                                                                                                                                    lan
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9
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```

dgstart\_n 12.

prompted for the name of a log file (if he wants to route previously generated data), script file name, validate the script only, the output device the data is to be routed. user will generator start The will initialize the data generator nascom block data. NASCOM

must be followed by the go command generating the rate of output, and the NDD ID. for the data generator to start the desired data. command

Example:

in as the value of this parameter the data generator will use it to route this previously generated data. This log file must be in the /cas/application/checkout/log\_files directory

script file name must still be given. The data generator needs) user designated file name for the script which is to be used to generate the data. \*\*note if the value for parameter 1 was the name of a log file - to route previously logged data - a it to determine an end time. script file name 1 ~

```
If the value is "no" the data)
                      the value "yes" will indicate to the generator to only validate) the script. If there are errors the first error will be brought)
                                                                                                                                                                                                                                                                                                           direct the output of the data generator to the NCIU)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (values range from 1-200, this number represents the percentage) (of output rate, ex a 5 would be 5% of normal output rate
                                                                                                                                                                                                                                                /dev/null - which will let the data generator run with no data)
                                                                                                                                                                                                                                                                                                                                                                     direct the output of the data generator to the LAN direct the output of the data generator to a file **note this file must already exist
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      values are 1-9, these must be used even if the data type is
                                                                                                                      generator will generate data upon issuance of the go command
                                                                                          to the screen and stop the process.
                                                                                                                                                                                                                                                                                being output.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   rate of output
validate only
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```

The user will be prompted initialized data generator to output data generator command will start for the process name. desired data.

Example:

13. dggo (dgg)

data generator is actīve. If a second data generator is active its process name is data\_generato2 etc. The process name data generator is used if only one data generator is active. If a second data generato dgg data\_generator

## 14. scorstart (scorst)

the script file device or file, the start time, the scoring start command will initialize the output stop time, the scoring mode, hbr/lbr rate, and the NDD ID. After initialization complete the score go command must issued for the scoring process to begin. The user will the scoring process. The user will prompted for data type, the script name, the input device or file name, advisories to be suppressed, the ou list

### Example:

- hwco hardware checkout data pattern) dcp - data cycle packets valid entries are:

nascom - NASCOM blocks

script file name ı ~

(the user input script file to which the data in the log file (is to be compared to. This file is a prediction of what the the data will look like. The file name can be up to 15 characters and follows the UNIX naming convention.

the valid values will either be "/dev/nciu" when scoring hwco input device or file ı m

data or the log file name when scoring DCP or NASCOM data. The log file name can be up to 15 characters and follows the UNIX naming convention.

- More than one (valid values are the numbers which correspond to particular error conditions. For further information on the error conditions consult the design specification. More than number can be used, they must be separated by a space. advisories to be suppressed
- (the valid value here is the name of the file the user wants ) (the error reporting to be routed to. This file will be created) in the /cas/application/checkout/score\_files directory. output list device or file 1 S
- (the valid entry is the time in seconds you want to begin the (comparison from the script file and log file you designated start time (earlier. ဖ
- (the valid entry is the time in seconds you want to end the (comparison from the script file and log file you designated earlier. end time 1

\_

```
however, be present even if the data type is not hwco. The valid entries are "lbr" for low bit rate or "hbr" for high bit)
                                                                                                                      all error mode. The scoring process will report all errors
                                                                                                                                                                                 log only mode, after initializing the scoring process in
                                                             single error mode. Upon the detection of the first error
                                                                                                                                                                                                                                                                              this parameter is only applicable for HWCO data. It must,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (this parameter is only applicable for DCP data. It must, however, be present even if the data type is not dcp. The
                                                                                                                                                                                                               this mode you must give the loge enable command
                                                                                                                                                      and only halt upon completion of the end time.
                                                                                                                                                                                                                                                                            lbr/hbr (low bit rate/high bit rate)
                                                                                          the scoring process stops.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (valid entries are 1-4 and 9.
                           the valid entries are:
scoring mode
                                                                                                                                                                                                                                                                                                                                                                                                                                                                - NDD ID
                                                                                                                                                                                                                                                                                                                                                                                                       rate.
                                                                                                                                                                                                                                                                                  ł
     1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                              σ
 Φ
```

the list device or file, the start tie, the end time, the scoring mode, and if the data is hwco script file name, the input device, the advisories to be suppressed, the output will score go command must issued to commence the scoring process. After initialization user will be prompted for scoring process for command HMCO score start initialize the lbr or hbr. complete the data. 15. scorstart\_hwco (scorstart\_h)

#### Example:

scorstart\_h score, script dcp, log 0 score, list1 1 20

- is to be compared to. This file is a prediction of what the the data will look like. The file name can be up to 15 the user input script file to which the data in the log file characters and follows the UNIX naming convention. script file name
- data or the log file name when scoring DCP or NASCOM data. The the valid values will either be "/dev/nciu" when scoring hwco log file name can be up to 15 characters and follows the UNIX input device or file naming convention. 1 ~
- More than one valid values are the numbers which correspond to particular error conditions. For further information on the error conditions consult the design specification. More than number can be used, they must be separated by a space. advisories to be suppressed ı ന

```
This file will be created)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (this parameter is only applicable for HWCO data. It must, (however, be present even if the data type is not hwco. The (valid entries are "lbr" for low bit rate or "hbr" for high bit)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  all error mode. The scoring process will report all errors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                and only halt upon completion of the end time. log only mode, after initializing the scoring process in
                                                                                                                                                                                                      the valid entry is the time in seconds you want to begin the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single error mode. Upon the detection of the first error
                                   the valid value here is the name of the file the user wants
                                                                                                                                                                                                                                          comparison from the script file and log file you designated
                                                                                                                                                                                                                                                                                                                                                                                                                    comparison from the script file and log file you designated
                                                                                                                                                                                                                                                                                                                                                                                  (the valid entry is the time in seconds you want to end the
                                                                                                    in the /cas/application/checkout/score_files directory.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     this mode you must give the loge enable command
                                                                   the error reporting to be routed to.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          lbr/hbr (low bit rate/high bit rate)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     the scoring process stops.
output list device or file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                the valid entries are:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 scoring mode
                                                                                                                                                                             start time
                                                                                                                                                                                                                                                                                    earlier.
                                                                                                                                                                                                                                                                                                                                                       end time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 _
                                                                                                                                                                               S
                                                                                                                                                                                                                                                                                                                                                         9
```

(hwcost) hwcostart 16.

start tie, the end time, the scoring for HWCO HWCO start command will initialize the the input device, the advisories to be suppressed, the output list device or file, command, the difference is that if the user name, to use the default values the prompts he will be defaulting for will be prompted for the script file similar to the start scoring process for hwco data. following information: date type - hwco command is so desires mode, the

script File name - hwco.script

output list device or file - hwco.list input device or file - /dev/nciu advisories to be suppressed - 0 start time - 1

end time - 10

scring mode - a lbr/hbr - hbr

score the go command must be issued to commence After initialization is complete the scoring process.

Example:

hwcost hwco score, script dcp, log Q score, listl 1

data type

valid entries are:

hwco - hardware checkout data pattern)

- the valid values will either be "/dev/nciu" when scoring hwco the user input script file to which the data in the log file is to be compared to. This file is a prediction of what the data or the log file name when scoring DCP or NASCOM data. the data will look like. The file name can be up to 15 characters and follows the UNIX naming convention. input device or file script file name ŧ 1 m
  - log file name can be up to 15 characters and follows the UNIX More than one valid values are the numbers which correspond to particular error conditions. For further information on be separated by conditions consult the design specification. number can be used, they must advisories to be suppressed naming convention. 1
- the error reporting to be routed to. This file will be created the valid value here is the name of the file the user wants in the /cas/application/checkout/score\_files directory. output list device or file ı ഗ
- the valid entry is the time in seconds you want to begin the comparison from the script file and log file you designated start time İ 9

```
comparison from the script file and log file you designated
(the valid entry is the time in seconds you want to end the
                                                                          earlier.
```

```
all error mode. The scoring process will report all errors)
                                                                                                                           and only halt upon completion of the end time.
log only mode, after initializing the scoring process in
                                            single error mode. Upon the detection of the first error
                                                                                                                                                                                          this mode you must give the loge enable command
                                                                               the scoring process stops.
                     the valid entries are:
scoring mode
       ı
 ω
```

```
(this parameter is only applicable for HWCO data. It must, (however, be present even if the data type is not hwco. The (valid entries are "lbr" for low bit rate or "hbr" for high bit)
lbr/hbr (low bit rate/high bit rate)
           1
```

score go command must be issued to commence The score start DCP command will initialize the input device, the advisories to be suppressed, the output list device or file, be prompted for the script file name, the start tie, the end time, and the ID. After initialization is complete the scoring process for DCP data. the scoring process. will 17. scorstart\_dcp (scorstart\_d)

### Example:

scorstart\_d score, script dcp, log 0 score, listl

- the user input script file to which the data in the log file is to be compared to. This file is a prediction of what the the data will look like. The file name can be up to 15 characters and follows the UNIX naming convention. script file name
- the valid values will either be "/dev/nciu" when scoring hwco log file name can be up to 15 characters and follows the UNIX data or the log file name when scoring DCP or NASCOM data. input device or file naming convention. ı 7
- More than one valid values are the numbers which correspond to particular error conditions. For further information on the error conditions consult the design specification. More than number can be used, they must be separated by a space. advisories to be suppressed 1

the error reporting to be routed to. This file will be created) the valid value here is the name of the file the user wants (in the /cas/application/checkout/score\_files directory. 4 - output list device or file

the valid entry is the time in seconds you want to begin the comparison from the script file and log file you designated start time (earlier. ı ഗ

(the valid entry is the time in seconds you want to end the (comparison from the script file and log file you designated earlier. end time ı 9

7 - NDD ID (the valid entries are 1-4 and 9

18. scorstart n

script file name, the input device, the advisories to be suppressed, the output list device or file, the start tie, the end time, and the NDD ID. After initialization the NASCOM is complete the score go command must user will be prompted for issued to commence the scoring process. command the scoring process for NASCOM start The initialize score data.

Example:

scorstart\_n score, script dcp, log 0 score, listl 1

script file name

is to be compared to. This file is a prediction of what the the data will look like. The file name can be up to 15 the user input script file to which the data in the log file characters and follows the UNIX naming convention.

input device or file 7

data or the log file name when scoring DCP or NASCOM data. The the valid values will either be "/dev/nciu" when scoring hwco log file name can be up to 15 characters and follows the UNIX naming convention.

ı m

advisories to be suppressed (valid values are the numbers which correspond to particular More than one error conditions. For further information on the error number can be used, they must be separated by conditions consult the design specification.

```
the error reporting to be routed to. This file will be created)
                                        the valid value here is the name of the file the user wants
                                                                                                                          in the /cas/application/checkout/score_files directory.
- output list device or file
```

- the valid entry is the time in seconds you want to begin the comparison from the script file and log file you designated start time earlier. ı Ŋ
- (the valid entry is the time in seconds you want to end the (comparison from the script file and log file you designated earlier. end time ı ဖ
- 7 NDD ID (the valid entries are 1-4 and 9

19. scogo (scog)

The score go command will start the scoring process after it has been initialized. There are no other parameters.

Example:

scod

20. scorview (scorv)

The view scoring file will allow the user to view the default list file (cosw\_results) on the screen. This file is in the /cas/application/checkout/score\_files.
This file is produced if the user has taken the default file name for the list file in the scoring process. There are no other parameters.

Example:

SCOLV

21. scriptfiles (scriptfi)

The show script files command will list all the script files in the /cas/application/checkout/script\_files directory. There are no other parameters for this command.

Example:

scriptfi

22. stopscr

The halt scriptor process will halt the interactive scriptor. There are not other parameters necessary.

Example:

stopscr

23. stopdq (stopd)

The halt data generator command will stop the data generator process. No other parameters are necessary.

Example:

stopd

24. stopsco

The halt scoring process command will stop the scoring process. No other parameters are necessary.

## HEALTH and STATUS

1. hrestart (hres)

The H&S restart command will restart the health and status process. When this command is given it will re-set the H&S table of processes. No other parameters are needed.

Example:

hres

2. pause (pas)

The H&S pause command will pause the H&S process. It will not process any messages to the screen. No other parameters are needed.

Example:

pau

3. hresume (hresu)

The H&S resume command will resume the H&S processing of messages to the screen. This command is issued after the pause command. No other parameters are needed.

Example:

hresu

4. hsdelete (hsdel)

5. mutdisable (mutdis)

6. mutenable (muten)

The H&S delete command will

The H&S disable mute command will

The H&S enable mute command will

7. hsreinitialize (hsreinit)

The H&S reinitialization command will reinitialize the health and status process. When this is done the health and status table

8. happreport (happ)

The H&S application report command will prompt the user for the application he wants a report on.

Example:

happ ancillary

9. hlogreport (hlog)

The H&S logging report command will bring up the report on the types of logging currently being done in the system. No other parameters are needed. When the

report is ready for viewing, the F3 area on the screen will be illuminated. Pressing the F3 button brings it to the screen for viewing.

Example:

hlog

10. hifreport (hif)

The H&S interface report command will bring up the report on all the active interfaces at the current time. No other parameters are needed. When the report is ready the F3 area on the screen will be illuminated. Pressing the F3 button brings it to the screen for viewing.

Example:

hi£

11. hovrreport (hovr)

The H&S overall report command will bring up the report of all the currently active applications. No other parameters are needed. When the report is ready the F3 area on the screen will be illuminated. Pressing the F3 button bring it to the screen for viewing.

Example:

hovr

12. hcsacstatus (hcsacstat)

The send CSAC status command will activate H&S to send CSAC a status message. No other parameters are needed.

Example:

hcsacstat

MISSION PLANNING

1. haltmissionplan (haltm) The halt mi

The halt mission planning command will halt the mission planning application. No other parameters are necessary.

Example:

haltm

2. sendm

The send status to H&S command will activate the mission planning application to send status to Health and Status. No other parameters are necessary.

Example:

sendm

3. startmissionplan (startm) Th

The start mission planning start the mission planning The user will be prompted planning ID.

command will application.

Example:

startm 200

## DEBUG COMMANDS

\*\*\*\* CSAC DEBUG COMMANDS \*\*\*\*

1. csacdebug (csacd)

start CSAC in debug mode initiates the command allows up to nine debug flags prompted for the nine debug flags. If there are less than nine flags to set prior to initialization, just press the carriages When process and its associated processes. that The health and CSAC workstation are placed into the remote commands to the workstation or ndd which is of each advisory to the CSAC process. user interface process will send all process. In the remote control mode, the health and status process will ship the CSAC initialization is complete, displayed on the terminal. The health the user will CSAC is operating, an advisory stating status and user interface processes on to be turned on prior to the start of initialization time to the workstation value "DONE" will entering the substituted for a debug flag number. workstation. to the CSAC (with the exception The CSAC process will send all After workstation debug mode command, the surrent control commands) and the initialization. control mode. s running on. interface commands return control copyThis CSAC

### Example:

csacd 0 2 DONE DONE DONE DONE DONE DONE

NINE DEBUG FLAGS

DEBUG FLAGS (modules alphabetically listed)

formats display segment for one ndd generates an ndd summary report	the next command from the	the next messa	pertorms CSAC message preprocessing	ָדָּר ע		a report message	Ø	sses a status message	a du	sends a go to remote command	ses a restart command	sends a command to a remote workstation	rn		message	1 00	searches w/s tables for a w/s name	υ	ב	status rep	ons for their status	sends a command to set time and date in	generates a CAS system report		decodes CSAC user (report) commands	validates CSAC messages		£ 33		a w/s summary repo	F and H&S into the	transmits a command via the LAN
Xndd_disp.c Xndd_rept.c	Xnet_rept.c	Xnext_msg.c	Xpproc_msg.c	xproc_ack.c	xproc_init.c	Xproc_rept.c	Xproc_rst.c	Xproc_stat.c	Xqueue msg.c	Xremote.c	Xrestart.c	Xsend cmd.c	Xsend_stat.c	Xserv_cmd.c	Xserv_msg.c	Xspecīal.c	Xsrch tab.c	Xstart lan.c	Xstat cmd.c	Xstat_rept.c	Xstatūs.c	Xtime.c	Xsys rept.c	Xunix err.c	Xuser cmd.c	Xvalid msq.c	Xverif cmd.c	Xwho.c	Xws disp.c	Xws_rept.c	Xws_rmt.c	V CMC + Lmc A
	35 35	36	37	38	35 40	41	42	43	10	44	45	46	69		48	49	50	2	51	52	53	28	54	10	55	56	61	57	9	99	29	0

2. cdbug (cdb)

the debug flags apply only to one module in the CSAC process. With the exception of the CSAC process. With the exception of modules which are frequently executed, most entered and exited. These advisories omitted in frequently called modules since they tend to erase useful information of the modules provide advisories when thsy When a debug flag is turned on, it causes several advisory messages to display. The advisory messages are useful in tracing the flow through the program logic Most of flags the from the viewing area of the screen. be sent to the user interface for of causes to set or reset one of a listing command csacdebug command. example and The debug CSAC debug flags. are

3. cmdreport (cmdr)

Example:

cmdr

The command report command causes CSAC to generate a report which lists the commands sent to remote workstations which have not been acknowledged. No other parameters are needed.

Example of report

Outstanding Commands to Remote Workstations

Time Sent		218:14:37:25 218:14:37:31
Cmd Token		830 14
estination		health_stat ndd
De		support ndd
	1	nddl nddl
Msg Num	1	23 27

4. statusreport (statusrep)

the the information in the workstation table record user CSAC of of The for the name report containing all status report command causes workstation (w/s or ndd) needed. the specified workstation. prompted generate will be for

#### Example:

statusrep ndd2

Example of a report:

# CSAC Workstation Status record for ndd2

quality: quality: cpu syst: 1.580000 0 II OFF msg time err ctr urgent errors 2.190000 OK pause mode: cpu user: stream: health: stream: 218:14:37:28 218:14:37:27 218:14:37:27 2.390000 218:14:35:23 218:14:37:28 number of applications: 25 solicited mag time: REMOTE message counter = current msg time: last status recv: nominal errors = 51-E load averages: ndd2 user mode: flight 1: init time: last time: flight 2: cpu idle: name:

QK

0

### 5. csacack

The csac acknowledge command causes CSAC to send a test acknowledgement message to itself from the specified workstation. The message is written by CSAC onto the CSAC message pipe. This command provides a way to test CSAC's response to acknowledgement messages from different workstation's and ndd's. The user will be prompted for the originating workstation, the message number and the message transfer status.

#### Example:

csacack ndd9 10000 1

- originating workstation the name of the originating workstation must be in the list of CAS nodes found in the file /cas/application/csac/NET\_NAMES. The use of any other name, may cause the CSAC process to crash. Presently the node names are: wsl, ws2, nddl, ndd2, ndd3, ndd4 and ndd9.
- 2 message number
   (valid range is 0-32000)
- no queue has been defined for the destination process The possible codes returned from the enqueue module are: an error occurred during the transfer the destination queue is full - transfer ok transfer status ı ᠬ

### 6. csacadv

The send a test advisory message to itself from The message is CSAC's written by CSAC onto the CSAC message pipe. from originating causes CASC messages and ndd's This command provides a way to test workstation (workstation or ndd). user will be prompted for the the specified workstation. csac advisory command to advisory workstation's different response

#### Example:

csacadv w<u>s</u>l

\_\_\_

originating workstation (the name of the originating

the originating workstation must be in the list of CAS) nodes found in the file /cas/application/csac/NET NAMES. The use of any other name may cause the CSAC process to crash. Presently the node names are: wsl, ws2, nddl, ndd2, ndd3, ndd4 and ndd9.

### 7. csacinit

The The csac initialization command causes CSAC CSAC from different workstation's and user will be prompted for the message pipe. This command provides a way initialization maximum a test initialization message itself from the specified workstation. the is written by CSAC onto test CSAC's response to originating workstation message interval. send messages message ndd's. to

Example:

csacinit ndd3 15

originating workstation (the name of the originating workstation must be in the list of CAS) (nodes found in the file /cas/application/csac/NET\_NAMES. The use ) (of any other name may cause the CSAC process to crash. Presently ) (the node names are: wsl, ws2, nddl, ndd2, ndd3, ndd4 and ndd9.

maximum message interval ı ~

(The time in seconds which must elapse before CSAC automatically (polls for status. CSAC will poll for status every ten seconds thereafter until a status response is received from the (workstation or ndd.

8. csacrestart (csacres)

command message a CSAC restart send wi11

9. csacterminate (csacterm)

The csac terminate command causes CASC to send a test termination message to itself from the specified workstation. The message is written by CSAC onto the CSAC message pipe. This command provides a way to test CSAC's response to termination messages from different workstation's and ndd's. The user will be prompted for the originating workstation (workstation or ndd).

Example:

csacterm wsl

\_

the name of the originating workstation must be in the list of CAS) (nodes found in the file /cas/application/csac/NET NAMES. The use (of any other name may cause the CSAC process to crash. Presently (the node names are: wsl, ws2, ndd1, ndd2, ndd3, ndd4 and ndd9. originating workstation

10. csacstatus

CSAC the message pipe. This command provides a way to test CSAC's response to termination or the flight 1 data and the flight l identification, identification, and the flight workstation (workstation from different workstation's itself The user will be prompted for is written by CSAC onto the The csac status command causes CASC the specified workstation. health a test status message to flight 1 data stream tag, the flight 2 quality, the flight 2 flight 2 data stream tag, overall the workstation, data quality. originating messages message '(ppu send from

```
Example:
```

```
the name of the originating workstation must be in the list of CAS) nodes found in the file /cas/application/csac/NET_NAMES. The use ) of any other name may cause the CSAC process to crash. Presently )
                                                                                                                                                                                                                                                                                                                                                                        the node names are: wsl, ws2, nddl, ndd2, ndd3, ndd4 and ndd9.
51-F sim 164
                                                                                                                                                                                                        originating workstation
the name of the originat
csacstatus nddl
```

```
2 - overall health
(valid overall health values are:
(151 - ok
(152 - marginal
(153 - in transition
(154 - failure
(155 - unknown
```

flight id

m

```
4 - data stream tag
(values are:
(pbl - playback data dump 1)
(pb2 - playback data dump 2)
(rt - realtime data
(sim - simulation data)
```

```
5 - data quality
(valid values are: )
(161 - ok )
(162 - marginal )
(163 - unacceptable )
(164 - normal LOS )
```

\*\*\*\*\* HEALTH and STATUS DEBUG COMMANDS \*\*\*\*

1. hprocreport (hproc)

The H&S process report command will

2. hsdebugreport (hsdebug)

The H&S debug report command will

3. hshaltreport (hshalt)

The halt H&S report command will

\*\*\*\*\* SUPERVISOR DEBUG COMMANDS \*\*\*\*

1. qmaint (qm)

2. processcontrol (process)

The gueue maintenance command will

The display the process control table will display for the user the process control table. No other parameters are needed.

Example:

process

3. supvadvoff

4. sdbug (sdb)

5. osdbug (osdb)

# \*\*\*\*\* USER INTERFACE DEBUG COMMANDS \*\*\*\*

The anncounce report command will 1. announce (an) willcommand The process initialization prompt the user 2. procinit (proci)

The process termination command will 3. procterm (proct)

The request screen command will The release screen command will (rel) 4. regscrn (reg)

The toggle partitions command will

6. ptog (pt)

relscrn

ъ.

file most The report view command will bring a report The user will For The name must include the path name. prompted for the file name. the screen for viewing. 7. report (repo)

reports the path name is: /cas/reports

### Example:

repo /cas/application/reports/OVERALL

The unannounce report command will 8. uannounce (uan)

9. udbug (udb)

The debug user interface command will allow the user to enable or disable certain user interface debug options. The user will be prompted for the debug option and if it is to be enabled.

Example:

ndb 1 1

\_\_\_

- L

1 - debug option

(0 - show commands shipped

appear on the ADVS line, the user will not have to acknowledge) don't stack advisories, for this option the advisories will)

them. If there are many advisories they will scroll by.

- show remote TTY command messages

3 - show report queue

1 - show CSAC status

5 - show remote response message

2 - enable

( oN - 0)

(1 - Yes)

10. udelay (udel)

11. usleep

The set user interface delay interval command will prompt the user for the number of milliseconds

The put user interface to sleep command will prompt the user for the number of seconds

unix	
2.	
$\vdash$	

The unix command will allow the user to use unix commands. The user will be prompted for the unix command to be used.

#### Example:

unix ls -1 /cas/log/log\_files

## 13. rttyenable (rttye)

The enable monitoring of remote tty wil allow the user

## 14. rttydisable (rttyd)

The disable monitoring of remote command will allow the user

tty

## 15. urelease (urel)

The release screen command will allow the user

## 16. urequest (ureq)

The request screen command will allow the user

### 17. baud

The change remote tty baud rate will allow the user to change the baud rate of the remote tty. The user will be prompted for the baud rate.

### Example:

baud 9600

UG-001

The nice command will change the priority of a process. The user will be prompted for the application name, the process name, and the adjustment value.

#### Example:

1 - application name
 (the values for this parameter are:
 (support
 (ndd
 (ancillary
 (checkout

2 - process name (the values for this parameter are: (supervisor (health stat (general (user\_if (ndd ancillary (data\_generator (score (score

(The valid values for this parameter are -39 to 39) - adjustment value ~

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APPENDIX A
CAS COMMANDS

APPENDIX B ACRONYMS AND ABBREVIATIONS

APPENDIX C APPLICABLE DOCUMENTATION

ACRONYMS AND ABBREVIATIONS

## ACRONYMS AND ABBREVIATIONS

The acronyms and abbreviations used in this manual are as follows:

Advisory or Command

Advisories ADVS ANCLOG

Ancillary logging

Calibrated Ancillary System Computer Compatible Tape

Control CNTL CAS

Communications Network COMMNET

Central Processor Unit Checkout Software COSW CPU

Cyclic Redundancy Check Cathode Ray Tube (Terminal) Central Status and Control

CRC CRT CSAC

Defense Advance Research Projects Agency Data Cyclic Packet DARPA DEV DFE DCP

Developmental, Device Data Flow Engineer

Data Generator Logging Delog, Delogging Department of Defense DCTOC

DIOG

Delog Request DLOGREQ

## ACRONYMS AND ABBREVIATIONS (Cont.)

End-of-File Escape EOF

Function

Ford Aerospace & Communications Corporation

Flight

FACC FLT

General Logger Greenwich Mean Time General Purpose Local Area Network Goddard Space Flight Center GENLOG GMT GP-LAN GSFC

Health And Status H&S, HS HIST HSLOG HWCO

History Health and Status Logging

Hardware Checkout

U)

IEEE

I/F ISO

Identification Interface Definition Document Institute of Electrical and Electronics Engineers Interface

International Standards Organization

## ACRONYMS AND ABBREVIATIONS (Cont.)

Lyndon B. Johnson Space Center

JSC

Line Replaceable Unit Local Area Network LAN LRU

Massachusetts Computer Corporation Master Measurements Data Base Multiplexer/Demultiplexer Mission Control Center MASSCOMP CORP. MMDB MCC MDM MP

Mission Planning Measurement Stimulus Identification Master Timing Unit Increments MSID

National Aeronautics and Space Administration NASA Communications Network Network Communications Interface Unique Network Data Driver NASA NASCOM NCIU NDD

Operational Instrumentation, Orbiter Instrument Orbiter Downlink Operational OI OPS OPSDS

Operational Shuttle Data System

# ACRONYMS AND ABBREVIATIONS (Cont.)

Prompt/Response P/R

C-3

Quality QUAL

Refresh REFR RPRT RT RT-LAN

Report Real-Time

Real-Time Local Area Network

Scoring Logging
Simulation Data Cycle Packets
STS Data Select Switch
Shuttle Data Tape
Space Transportation System
Space Information Systems
Software

SCOLOG SDCP SDSS SDT

STS SISO S/W

Company to the state of

March State Comment

THE SHAP SHAP

B-5

Carbs, 18

## ACRONYMS AND ABBREVIATIONS (Cont.)

TDT TPC

Telemetry Descriptor Tape Telemetry Preprocessing Center

UIF USAF UTIL

User Interface United States Air Force Utilities

Video Display Terminal

VDT

Workstation

WS

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APPENDIX A
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APPENDIX C APPLICABLE DOCUMENTATION

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APPENDIX C
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## APPLICABLE DOCUMENTATION

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## STANDARDS AND SPECIFICATIONS

Institute of Electrical and Electronics Engineers (IEEE)

Local Network Standards IEEE: 802 10 To able to

International Organization for Standardization (ISO)

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- CAS System Level B and Subsystem Level B/C Requirements JSC-19227 Volumes I thru IV
- MCC STS and JSC POCC Mature OPS Timeframe Level A Requirements (Rev. B, 8/10/82) JSC-12804
- Safety, Reliability, Maintainability, and Quality Provisions for the Space Shuttle Program NHB-5300.4 (ID-2)
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- Guidelines for Software Developement for Microcomputers Embedded in Hardware Exhibit 124 SEC. 161 SISO- EX146
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- Department of Defense (DOD) Standard Internet Protocol IEN-128
- DOD Standard Trivial File Transfer Protocol IEN-133
- DOD Standard File Transfer Protocol IEN-149
- DOD Space Transportation System Security Classification Guide, USAF Space Division

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System Model
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• Masscon

• Masscomp 3.0Mb Memory Upgrade Model MpX+530: Autrol Carrell of U. cagnetic and polyable Televideo Terminal Model 950

Masscomp 1/4 inch to 1/2 inch Tape Drive Upgrade Model TSX-850

• Masscomp Ethernet Controller Software Model MN-805

• Masscomp Graphics Printer and Cable Model PR-610

• Metacomp Four Channel Input/Output Expander Model MXO-2000-2

• Metacomp RS422 Module Model ELX-2000-200

• BlackBox RS232 Interface Switch Model ABC-25 (B-SW020)

• Masscomp 2.0Mb Memory Update Model MEX-520

DOD Space Transport 1. (8)2. Masscomp Menu Development Software SP-35

Metacomp Intelligent Direct Memory Access Board Model MPA-2000-2

